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INTRODUCTION

Projects irrespective of its size require precise planning of the various detailed activities involved in execution of the project. The project manager has the job of ensuring that the project is executed efficiently, on time, and within budget - which he or she achieves by ensuring that the required resources and funds are available as and when needed.

Projects are generally part of the internal processes of a company. To be able to control all tasks in project execution, you need an organizational form that is specific to the project and which is shared by all departments involved. Before you can carry out a project in its entirety, the project goals must be precisely described and the project activities to be carried out must be structured. A clear, unambiguous project structure is the basis for successful project planning, monitoring, and control.

A project is structured as per the following points of view:

- ✓ By structures, using a work breakdown structure (WBS)
- ✓ By process, using individual activities (work packages)

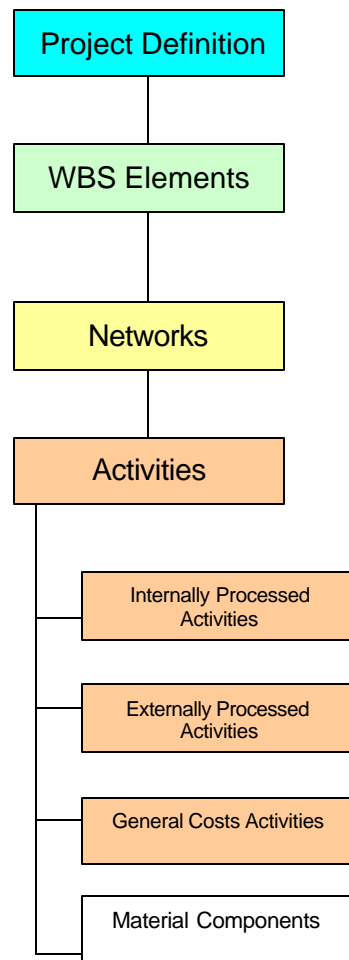
Project managers usually distinguish between two types of project:

- ✓ Externally financed projects
 - ❖ Customer projects
- ✓ Internally financed projects
 - ❖ Overhead cost projects
 - ❖ Capital investment projects

The Project system has no organizational structures of its own. You incorporate into your existing structure by making assignments to the organizational units.


Thus each project starts with the definition and classification of the structures required for processing and incorporating these into existing enterprise structure.

Project System Organizational structure



1 Structures

For configuration we use the following path on the SAP application screen:-

SAP Menu → Tools → AcceleratedSAP → Customizing → SPRO - Edit
Project →  SAP Reference IMG

We will not refer the above path henceforth; we will directly refer to the IMG node.

1.1 *Operative Structures for Work Breakdown Structure (WBS)*

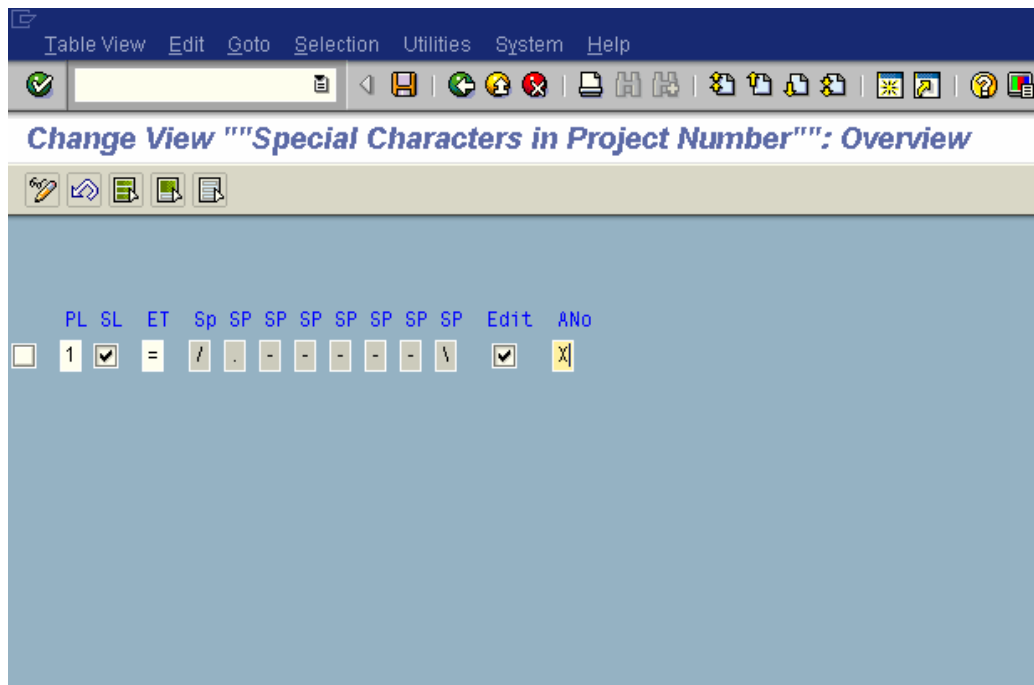
1.1.1 Define Special Characters for Projects

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Project Coding Mask → Define Special Characters for Projects

Here you specify how a project number is coded for editing. You can maintain the following parameters for editing the project number:

- The length of the key for project coding.
Here you can assign up to five places for the key.
- an indicator specifying whether the key must have this exact length or whether it can also be shorter
- special characters to enter WBS elements faster
- an indicator specifying whether only coded project numbers can be used to create projects

Avoid the following special characters: *, +, ? and %. These special characters are used for specific functions in the system.



Thus for the above configuration our project code will start with a single digit alphanumeric code.

We have defined a special character = in the field ET (entry tool for wbs element) as an entry aid. (You can use any character as entry aid, the system will always copy the identifier of the superior WBS element)

E.g. You want to insert a new wbs element below the wbs element V-6691001.05

In this case you only have to type in =01, system will automatically supplement the key as V-6691001.05.01

1.1.2 Define Project Coding Mask

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Project Coding Mask → Define Project Coding Mask

This configuration is already done while creating the investment management configuration. The Appropriation request number and the Project system number (Top WBS) will be the same.

Here you define the coding masks for Project numbers. You can create a coding mask for each key that you plan to use.

The system determines the coding key that it should use based on the first character of the coding key.

You can use the following symbols:

- X for alphanumeric characters
- 0 for numeric characters
- special symbols for the structure of the appropriation request number

We enter the following code mask for key

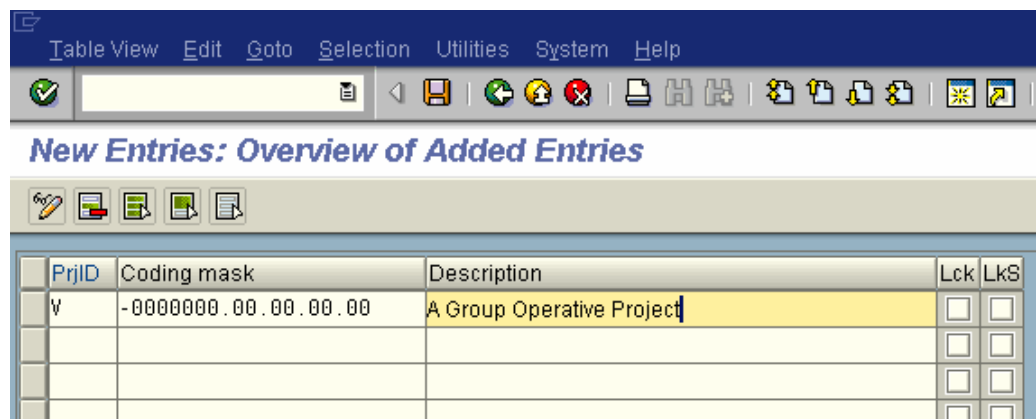
V -00000000.00.00.00.00

Thus the project number V66910010301 is automatically edited to

V-6691001.03.01

The configuration was already done in Investment management which can be seen below.

The appropriation request number and the top level wbs element number will be the same.



The screenshot shows the SAP PS Configuration interface. The title bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main window is titled 'New Entries: Overview of Added Entries'. It contains a table with the following columns: 'PrjID', 'Coding mask', 'Description', 'Lck', and 'LkS'. The first row is highlighted in yellow and contains the following data: 'V', '-00000000.00.00.00.00', 'A Group Operative Project', and empty cells for 'Lck' and 'LkS'.

PrjID	Coding mask	Description	Lck	LkS
V	-00000000.00.00.00.00	A Group Operative Project		

Click on 

1.1.3 Create Status Profile

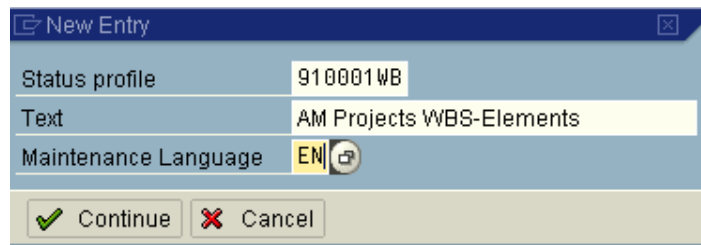
IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → WBS User Status → Create Status Profile

You can set your own user status for an event.

You need to create status profile, create user status and assign various business transactions which will influence the user status.

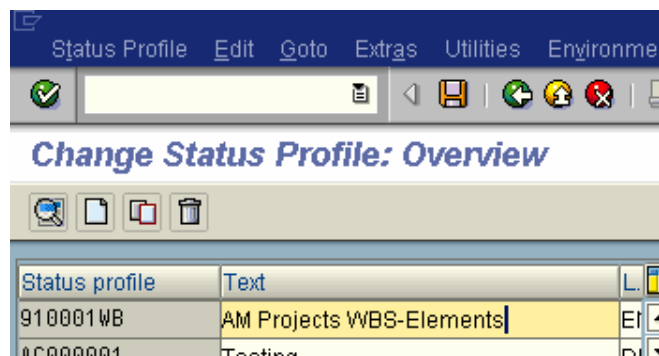
Click on 

Update the following:-



A dialog box titled "New Entry" with a close button in the top right corner. It contains three input fields: "Status profile" with the value "910001WB", "Text" with the value "AM Projects WBS-Elements", and "Maintenance Language" with the value "EN" and a small icon to its right. At the bottom, there are two buttons: "Continue" with a green checkmark icon and "Cancel" with a red X icon.

Click 



A window titled "Change Status Profile: Overview" with a menu bar (Status Profile, Edit, Goto, Extras, Utilities, Environment) and a toolbar with icons for save, undo, redo, and delete. Below the toolbar is a table with three columns: "Status profile", "Text", and a small icon column. The table contains three rows: the first row has "910001WB" in the first column, "AM Projects WBS-Elements" in the second column, and a small icon in the third column; the second row has "AC000001" in the first column and "Testing" in the second column; the third row is partially visible. The first row is highlighted in yellow.

Double click 

Update the following:-

Status Profile Edit Goto Extras Environment System Help

Change Status Profile: User Status

Object Types

Status profile 910001WB AM Projects WBS-Elements
Maintenance Language EN English

Stat...	Status	Short text	Lon...	Init. st...	Lowest...	Highest...	Posi...	Prior...	Auth. code
10	INIT	Initial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	90	1	1	
90	A6PL	A Grp Approval	<input type="checkbox"/>	<input type="checkbox"/>	90	90	1	1	
			<input type="checkbox"/>	<input type="checkbox"/>					
			<input type="checkbox"/>	<input type="checkbox"/>					
			<input type="checkbox"/>	<input type="checkbox"/>					
			<input type="checkbox"/>	<input type="checkbox"/>					

Click on 

Assign Object Type

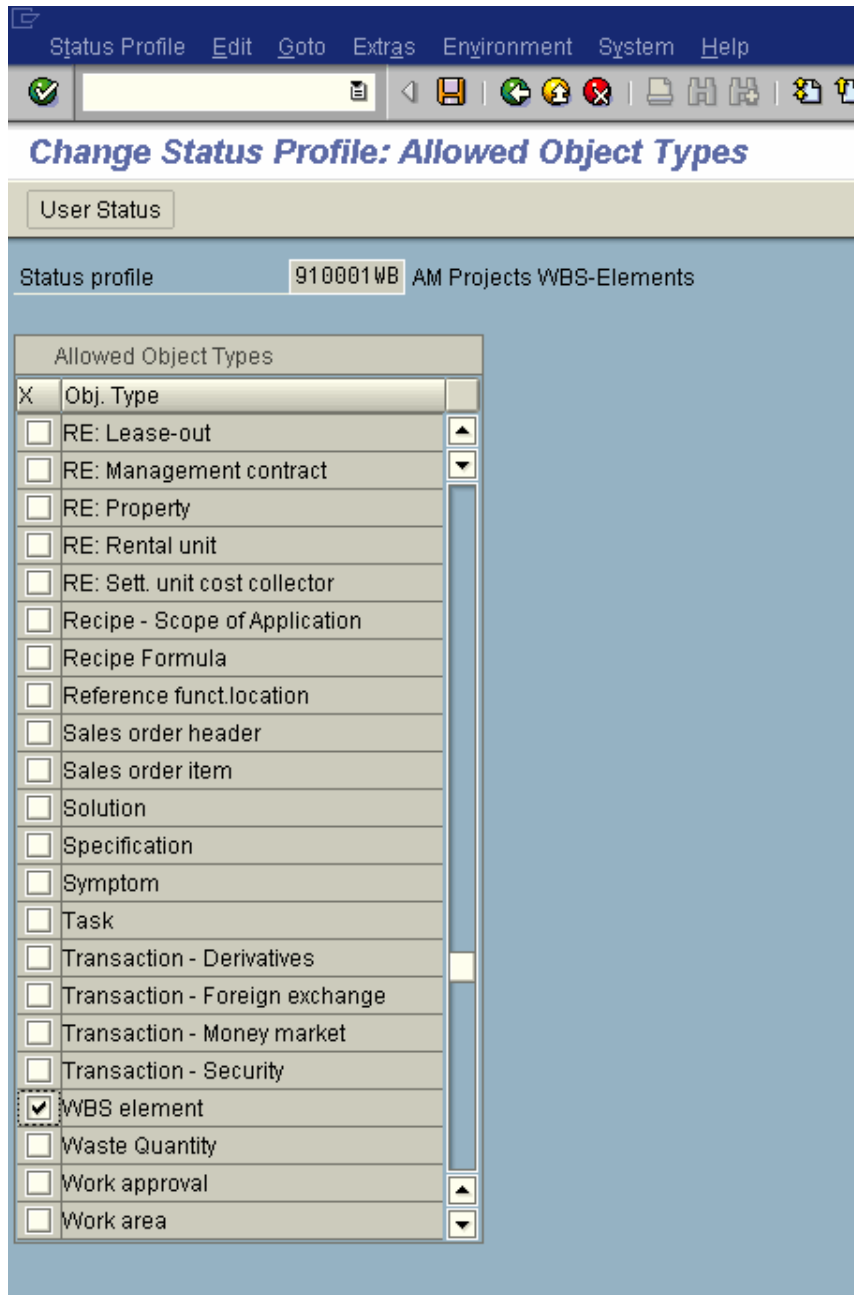
Status Profile Not Yet Assigned
to an Allowed Object Type.
Assign Now?

Yes

No

Click 

Update the following:-



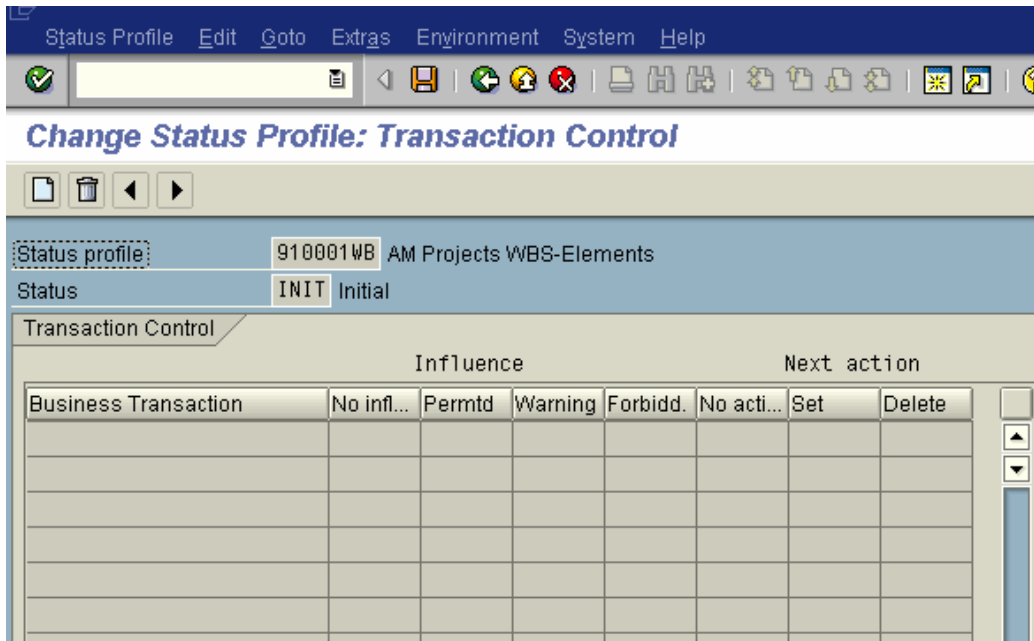
The screenshot shows the 'Change Status Profile: Allowed Object Types' dialog box in SAP. The 'User Status' tab is selected. The 'Status profile' is '910001WB' and the 'AM Projects WBS-Elements' are listed. The 'Allowed Object Types' table is shown with a list of object types and their corresponding checkboxes. The 'WBS element' checkbox is checked.

Obj. Type	
<input type="checkbox"/> RE: Lease-out	▲
<input type="checkbox"/> RE: Management contract	▼
<input type="checkbox"/> RE: Property	
<input type="checkbox"/> RE: Rental unit	
<input type="checkbox"/> RE: Sett. unit cost collector	
<input type="checkbox"/> Recipe - Scope of Application	
<input type="checkbox"/> Recipe Formula	
<input type="checkbox"/> Reference funct.location	
<input type="checkbox"/> Sales order header	
<input type="checkbox"/> Sales order item	
<input type="checkbox"/> Solution	
<input type="checkbox"/> Specification	
<input type="checkbox"/> Symptom	
<input type="checkbox"/> Task	
<input type="checkbox"/> Transaction - Derivatives	
<input type="checkbox"/> Transaction - Foreign exchange	
<input type="checkbox"/> Transaction - Money market	
<input type="checkbox"/> Transaction - Security	
<input checked="" type="checkbox"/> WBS element	
<input type="checkbox"/> Waste Quantity	
<input type="checkbox"/> Work approval	▲
<input type="checkbox"/> Work area	▼

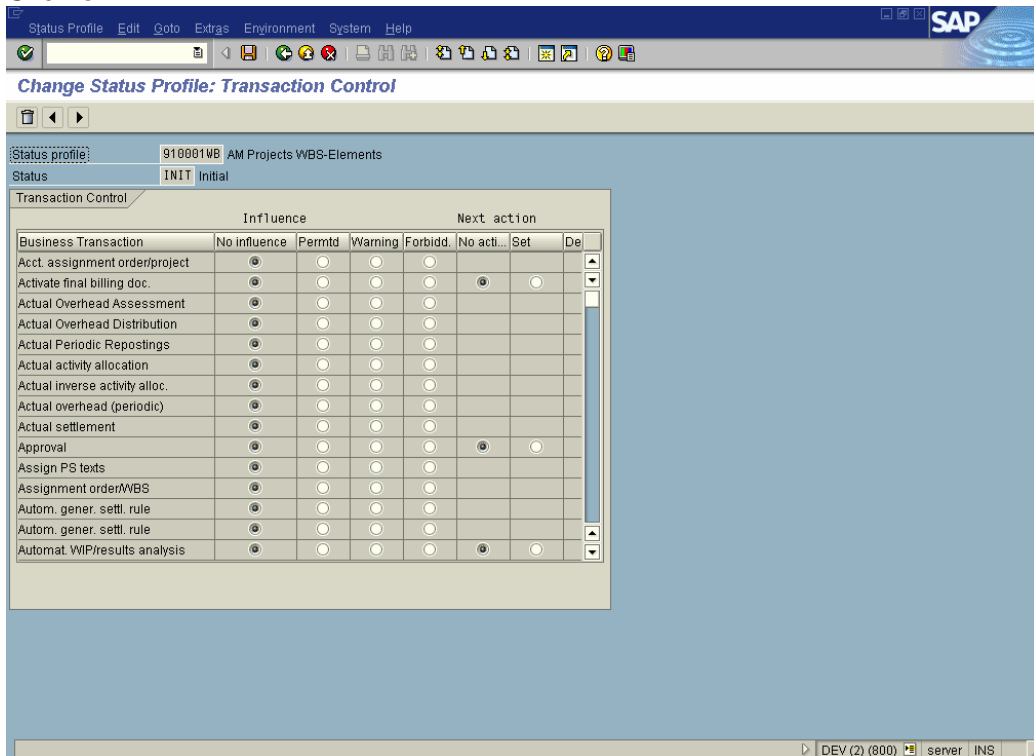
Click on 

Now you need to assign the user status to the business transaction.

Double click **INIT**



Click on




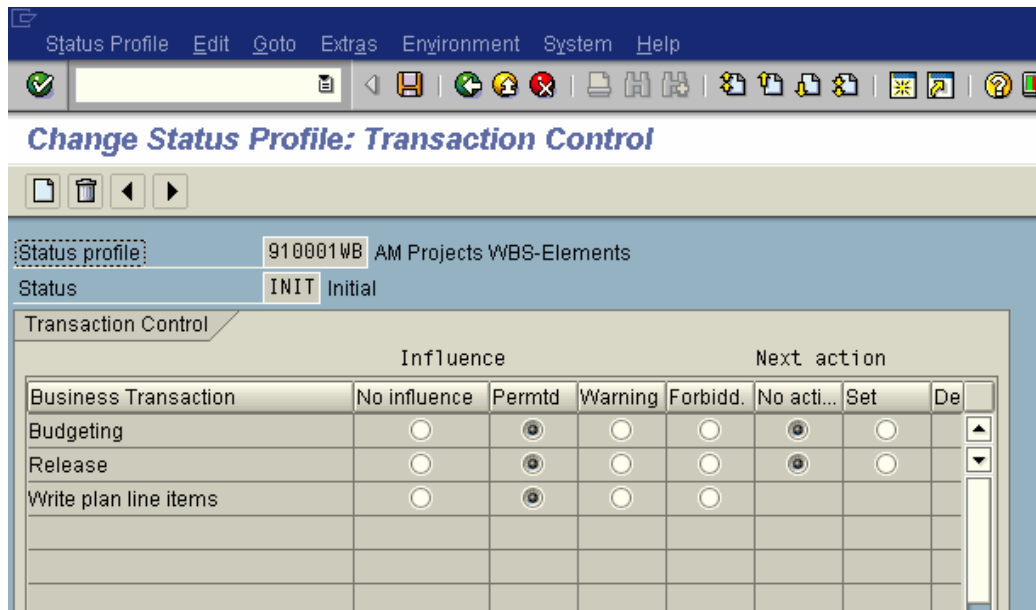
Update the following:-

Budgeting permitted.

Release permitted

Write plan line items


Click on 



Change Status Profile: Transaction Control

Status profile: 910001WB AM Projects WBS-Elements
Status: INIT Initial

Business Transaction	Influence				Next action			De
	No influence	Permtd	Warning	Forbidd.	No acti...	Set		
Budgeting	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Release	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Write plan line items	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				

Click  to update business transaction for the next status.

Status Profile Edit Goto Extras Environment System Help

Change Status Profile: Transaction Control

Status profile: 910001WB AM Projects WBS-Elements
 Status: A GPL A Grp Approval

Transaction Control

Business Transaction	Influence				Next action		
	No influence	Permtd	Warning	Forbidd.	No acti...	Set	De

Click

Status Profile Edit Goto Extras Environment System Help

Change Status Profile: Transaction Control

Status profile 910001WB AM Projects WBS-Elements

Status AGPL A Grp Approval

Transaction Control

	Influence				Next action			De
	No influence	Permtd	Warning	Forbidd.	No acti...	Set		
Business Transaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Availability control	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budget Release	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budget return	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budget supplement	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budget transfer (receiver)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budget transfer (sender)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budget transfer (transfer)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Budgeting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Change WBS number	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Change structure	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Complete	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Complete back to tech complete	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Confirm WBS	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Confirm order	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Copy basic -> forecast	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Click Budget supplement ☐ ☒

Click on 

Click Budget transfer (receiver) ☐ ☒

Click on 

Click Budget transfer (sender) ☐ ☒

Click on 

Status Profile Edit Goto Extras Environment System Help


Change Status Profile: Transaction Control

Status profile 910001WB AM Projects WBS-Elements

Status A6PL A Grp Approval

Transaction Control


	Influence				Next action			De
	No influence	Permtd	Warning	Forbidd.	No acti...	Set		
Business Transaction	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Actual activity allocation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Budget Release	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Budget return	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Budget supplement	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Budget transfer (receiver)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Budget transfer (sender)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Budget transfer (transfer)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Budgeting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Change WBS number	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Release	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		

Click on 

New Entry

Status profile 910001NW

Text AM Projects Networks

Maintenance Language EN 

☒ Continue ☒ Cancel

Click ☒ Continue

Status Profile Edit Goto Extras Utilities Environment

Change Status Profile: Overview

Status profile	Text	
910001NW	AM Projects Networks	El
910001WB	AM Projects WBS-Elements	El

Double click 910001NW AM Projects Networks

Change Status Profile: User Status

Object Types

Status profile: 910001NW AM Projects Networks

Maintenance Language: EN English

Stat...	Status	Short text	Lon...	Init. st...	Lowest...	Highes...	Posi...	Prior...	Auth. code
10	INIT	Initial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	90	1	1	
90	AGPL	Approval for network	<input type="checkbox"/>	<input type="checkbox"/>	90	90	1	1	
			<input type="checkbox"/>	<input type="checkbox"/>					
			<input type="checkbox"/>	<input type="checkbox"/>					
			<input type="checkbox"/>	<input type="checkbox"/>					

Click on 

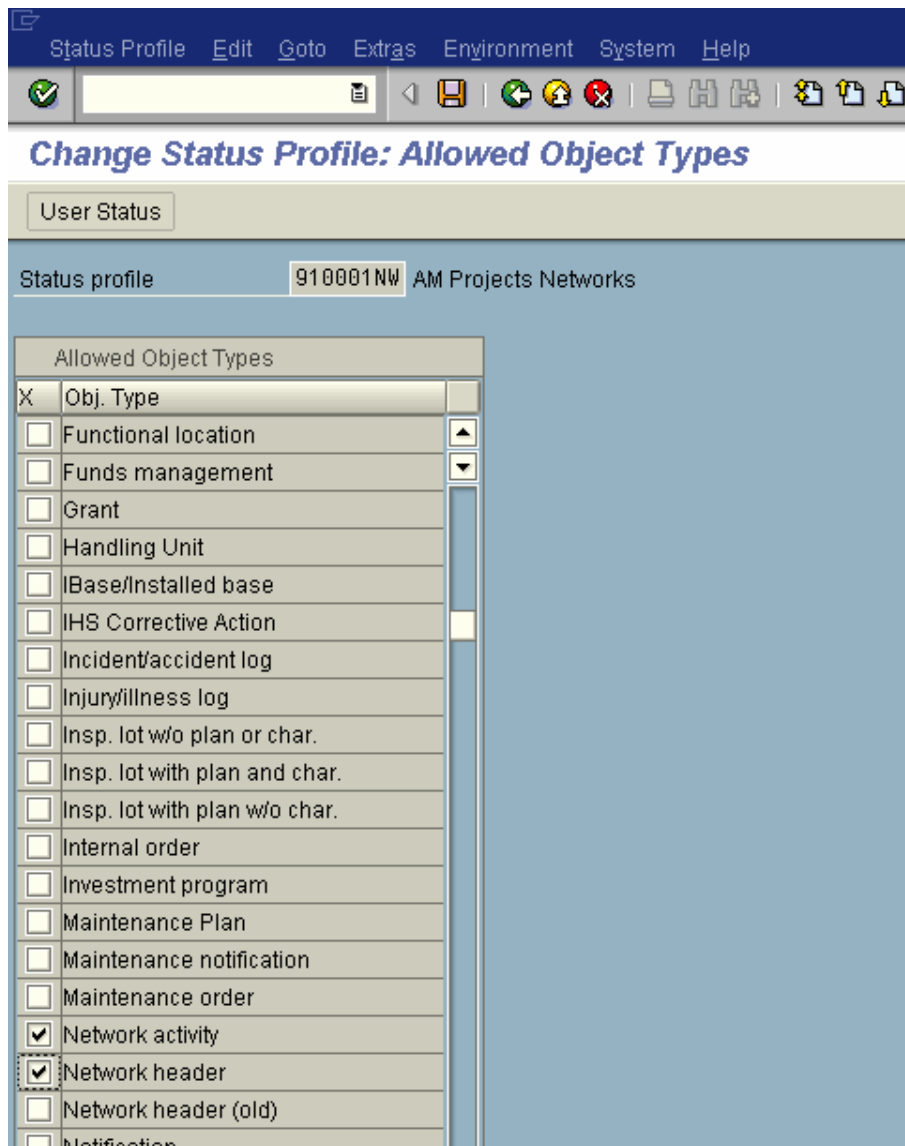
Assign Object Type

Status Profile Not Yet Assigned to an Allowed Object Type.


Assign Now?

Yes No

Click 



Click on 

Double click 

Click 

Status Profile Edit Goto Extras Environment System Help

Change Status Profile: Transaction Control

Status profile: 910001NW AM Projects Networks
 Status: INIT Initial

Transaction Control

Business Transaction	Influence				Next action			De
	No influence	Permtd	Warning	Forbidd.	No acti...	Set		
Actual activity allocation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Actual overhead (periodic)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Actual settlement	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Automat. WIP/results analysis	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Automatic deletion	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Block assembly order	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Change	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Change Activity/Element Number	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Change automatically	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Check PRT availability	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Check material availability	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Complete	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Complete back to tech complete	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Confirm order	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Confirm transaction	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		

Update the following:-

Change Status Profile: Transaction Control

Status profile: 910001NW AM Projects Networks

Status: INIT Initial

Business Transaction	Influence				Next action			De
	No influence	Permted	Warning	Forbidd.	No acti...	Set		
Actual activity allocation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Goods issue delivery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>				
Material purchase order	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>				
Material purchase requisition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>				
Release	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		

Double click **A6PL** and update the following business transaction.

Change Status Profile: Transaction Control

Status profile: 910001NW AM Projects Networks

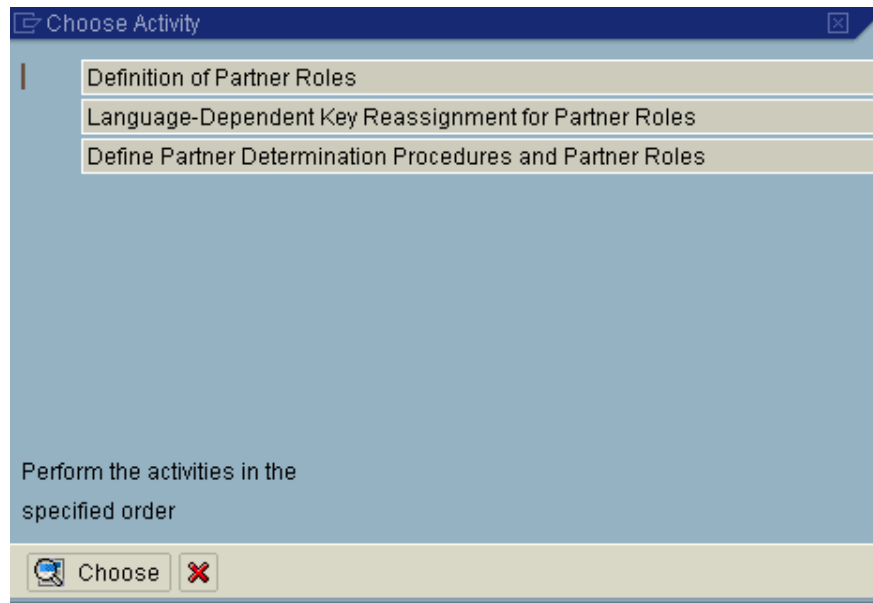
Status: A6PL Approval for network

Business Transaction	Influence				Next action			De
	No influence	Permted	Warning	Forbidd.	No acti...	Set		
Actual activity allocation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Goods issue delivery	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Material purchase order	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Material purchase requisition	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>				
Release	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
Release operation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		

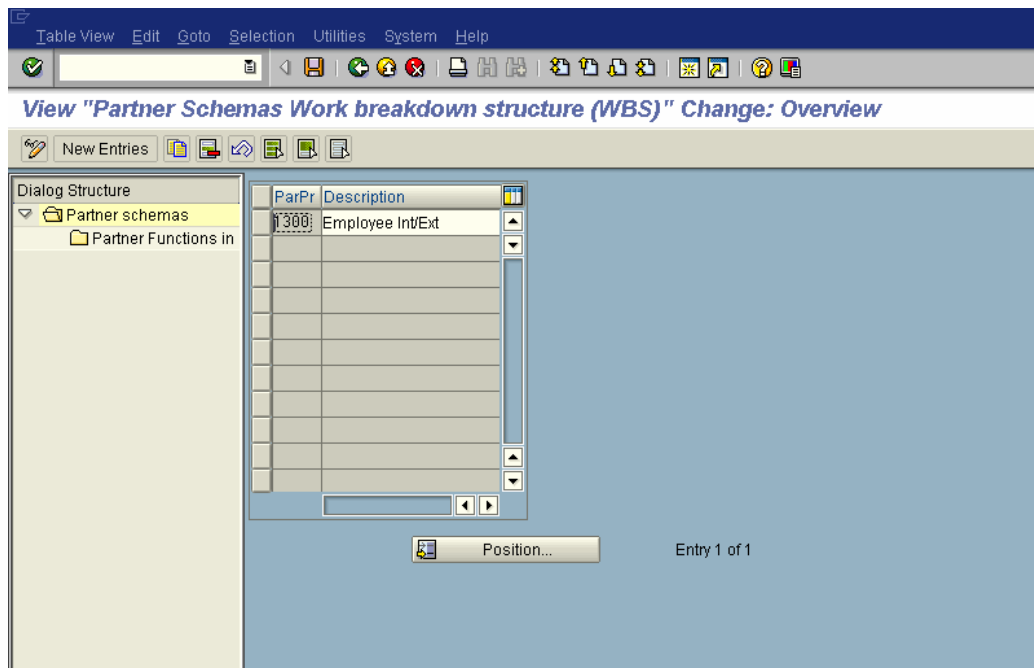
1.1.4 Define Partner Determination Procedures and Roles

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Define Partner Determination Procedures and Roles

Here you define partner roles, assign them to keys dependent on the logon language, and define partner structures and assign partner roles to them.

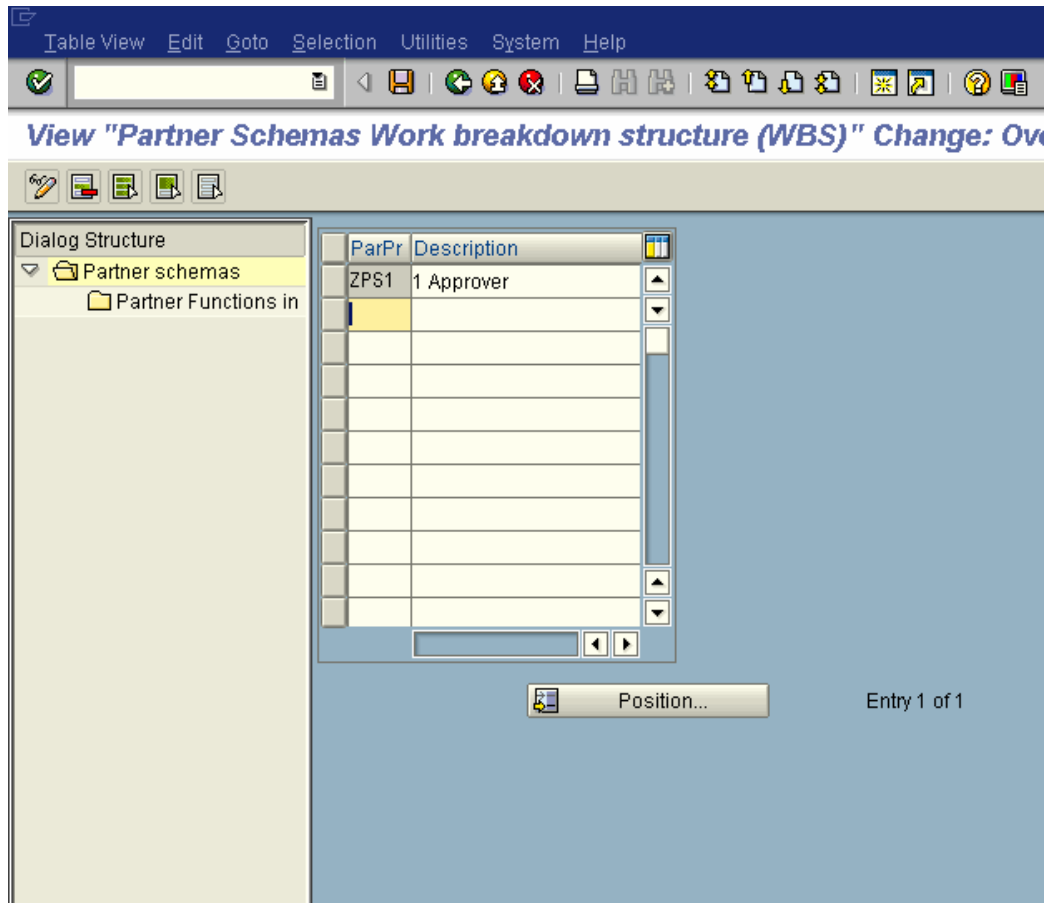


Double click Define Partner Determination Procedures and Partner Roles




Click on [New Entries](#)

Update the following:-



Select **ZPS1** 1 Approver

Double click  Partner Functions in

Click on [New Entries](#)

Update the following:-

View "Partner Schemas Work Breakdown Structure (WBS)" Change: Overview

PartnDet.Proc. ZPS1

Funct	Name	No change	Mandatory
I1	IM: Applicant	<input type="checkbox"/>	<input checked="" type="checkbox"/>
I2	IM: Interested party	<input type="checkbox"/>	<input type="checkbox"/>
I3	IM: PersonResponsible	<input type="checkbox"/>	<input type="checkbox"/>
I4	IM: Approver 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Position... Entry 1 of 45

Click on 

1.1.5 Create Project Profile

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Create Project Profile

This step has already been configured in Investment Management configuration step 4.1.2

Here you define project profiles for capital investment measures. The most important control feature in the project profile of capital investment measures is the investment profile. You can assign the investment profile in the step Define investment profiles.

The project profile contains default values such as **controlling area**, **company code** and other control parameters such as the planning method for dates and

costs. The data that you enter in the project profile will be copied into a project in its project definition or in the **WBS elements** which can later be overwritten.

Let us see the configuration parameters for project profile

Z9001 Investment projects

Double click on Z9001 Investment projects

Click Controlling

The screenshot shows the SAP Project Profile configuration interface. At the top, there is a menu bar with options: Table View, Edit, Goto, Selection, Utilities, System, and Help. Below the menu bar is a toolbar with various icons. The main title is "Change View 'Project Profile': Details". Below the title is a toolbar with icons for New Entries and other functions. The main content area is divided into several sections:

- Control** (selected tab)
- Organization**
- Plg board/dates**
- Controlling**

The **Control** section contains the following fields:

- Costs/revenues/payments
- Object Class: INVST Investment
- Statistical: ☐
- Integrated planning: ☒

The **Planning/budgeting** section contains the following fields:

- Planning profile: Z91000 Project Costs - A Grp
- Budget Profile: Z901 PS Budget Profile

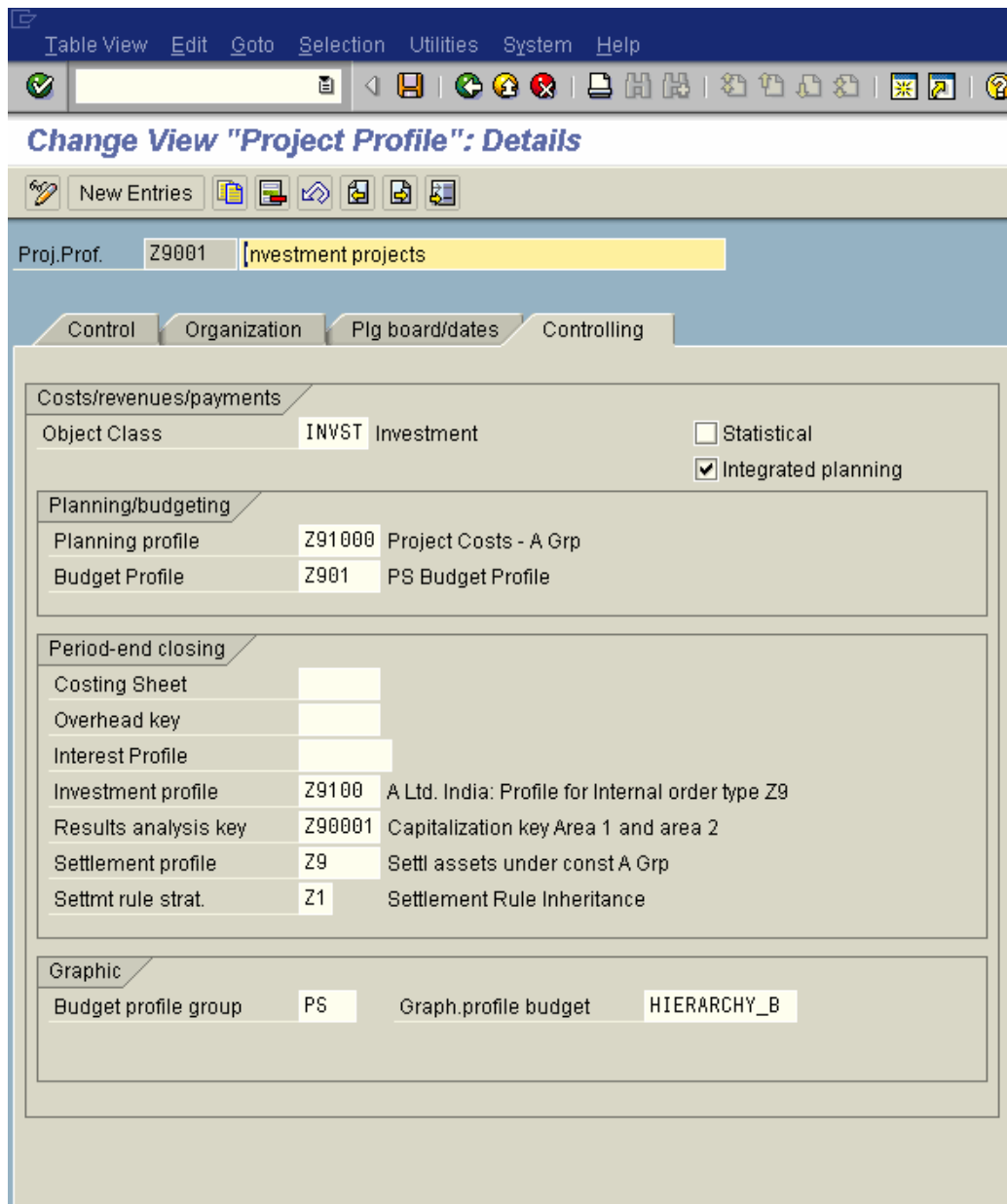
The **Period-end closing** section contains the following fields:

- Costing Sheet: 130000 Projects
- Overhead key:
- Interest Profile: 13000000 IDES Project System
- Investment profile: Z9100 A Ltd. India: Profile for Internal order type Z9
- Results analysis key: Z90001 Capitalization key Area 1 and area 2
- Settlement profile: Z9 Settl assets under const A Grp
- Settlement rule strat: Z1 Settlement Rule Inheritance

The **Graphic** section contains the following fields:

- Budget profile group: PS
- Graph.profile budget: HIERARCHY_B

Remove the costing sheet and interest profile



The screenshot shows the SAP Project Profile configuration interface. The title bar includes menu options: Table View, Edit, Goto, Selection, Utilities, System, and Help. Below the title bar is a toolbar with various icons. The main window title is "Change View 'Project Profile': Details". The "Proj.Prof." field is set to "Z9001" and the description is "Investment projects". The "Controlling" tab is selected, showing the "Costs/revenues/payments" section. The "Object Class" is "INVST Investment". The "Statistical" checkbox is unchecked, and the "Integrated planning" checkbox is checked. The "Planning/budgeting" section shows the "Planning profile" as "Z91000 Project Costs - A Grp" and the "Budget Profile" as "Z901 PS Budget Profile". The "Period-end closing" section shows the "Costing Sheet" and "Interest Profile" fields as empty. The "Investment profile" is "Z9100 A Ltd. India: Profile for Internal order type Z9". The "Results analysis key" is "Z900001 Capitalization key Area 1 and area 2". The "Settlement profile" is "Z9 Settl assets under const A Grp". The "Settmt rule strat." is "Z1 Settlement Rule Inheritance". The "Graphic" section shows the "Budget profile group" as "PS" and the "Graph.profile budget" as "HIERARCHY_B".

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Proj.Prof. Z9001 Investment projects

Control Organization Plg board/dates Controlling

Costs/revenues/payments

Object Class INVST Investment ☐ Statistical ☒ Integrated planning

Planning/budgeting

Planning profile Z91000 Project Costs - A Grp

Budget Profile Z901 PS Budget Profile

Period-end closing

Costing Sheet

Overhead key

Interest Profile

Investment profile Z9100 A Ltd. India: Profile for Internal order type Z9

Results analysis key Z900001 Capitalization key Area 1 and area 2

Settlement profile Z9 Settl assets under const A Grp

Settmt rule strat. Z1 Settlement Rule Inheritance

Graphic

Budget profile group PS Graph.profile budget HIERARCHY_B

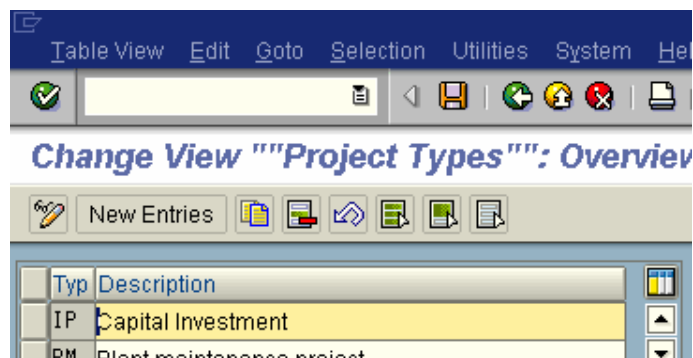
Click on 

1.1.6 Create Project Types for WBS Elements

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Create Project Types for WBS Elements

The project type does not influence program control or screen selection. You can use the project type as a filtering criterion in the information system

We will use the project type IP.



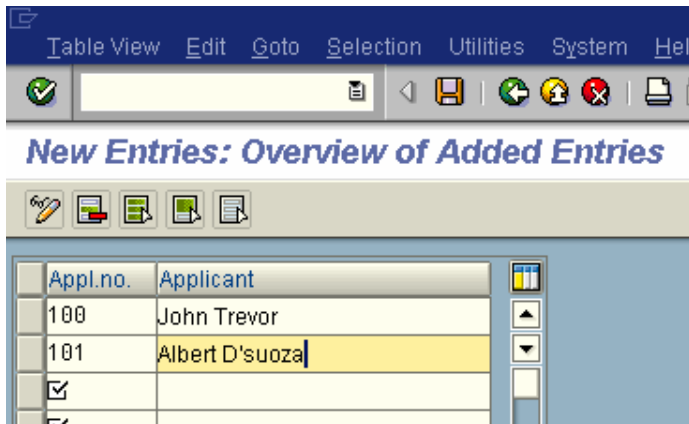
1.1.7 Specify Applicants for WBS Elements

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Specify Applicants for WBS elements

You can define here Applicants for WBS elements

Click on 

Update the following:-



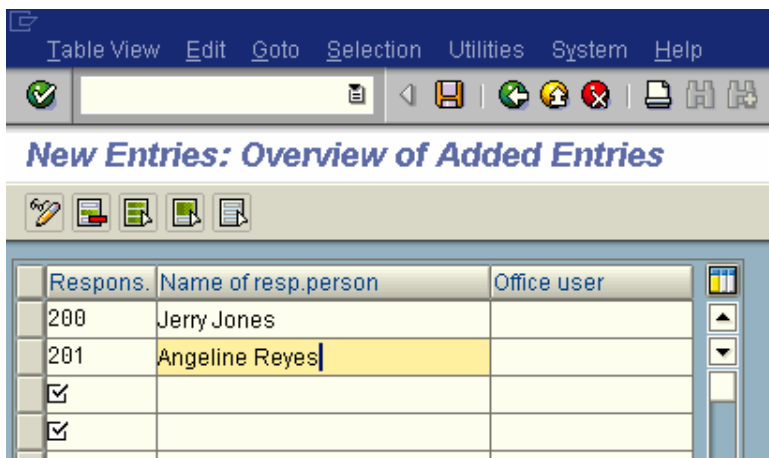
Click on 

1.1.8 Specify Persons Responsible for WBS Elements

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Specify Persons Responsible for WBS Elements

You can define here persons responsible for WBS elements

Click on 

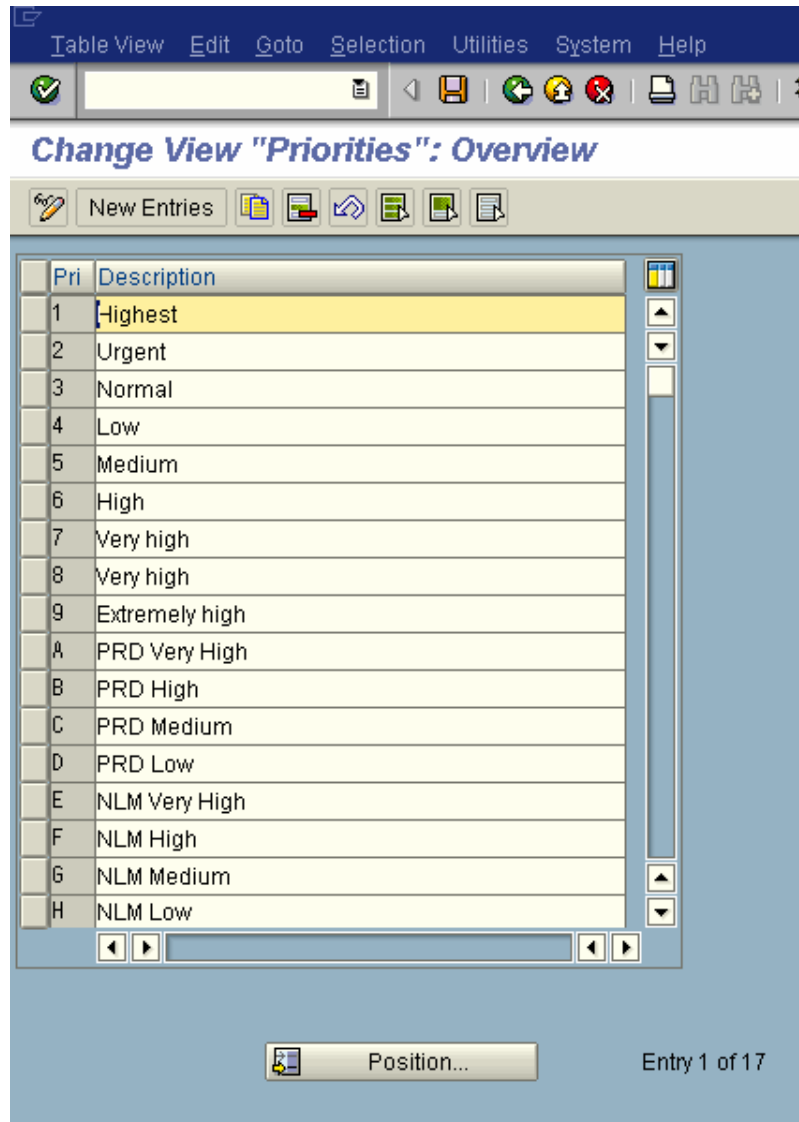


Click on 

1.1.9 Define Priorities for WBS Elements

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Define Priorities for WBS Elements

You can define here priorities for WBS elements. There are already some standard priorities defined in SAP. We will work with them and not configure new ones.

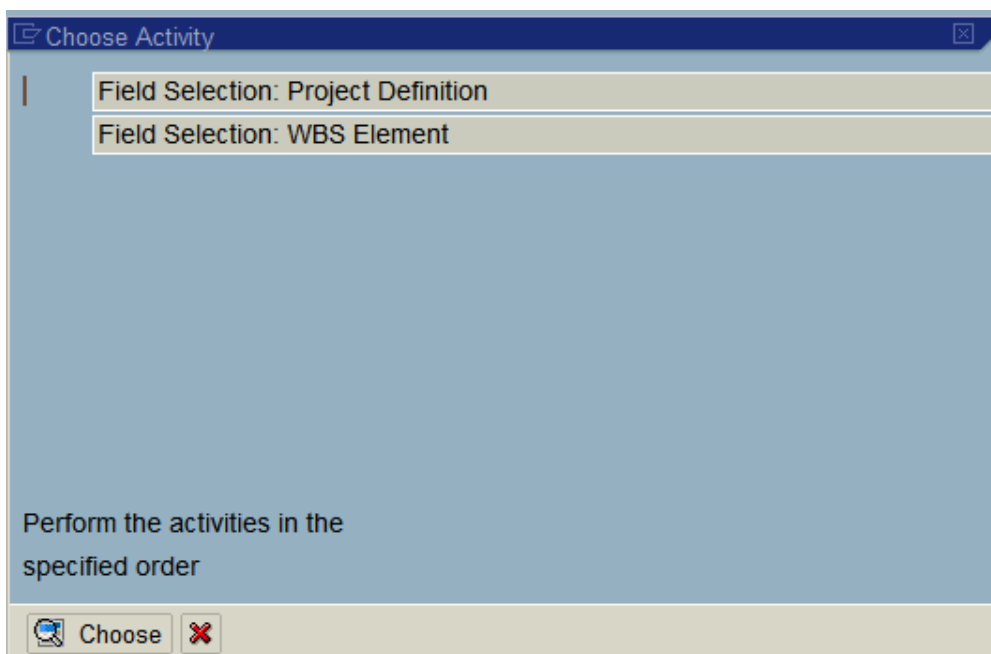


1.1.10 Define Field Selection for Work Breakdown Structures

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → User Interface Settings → Define Field Selection for Work Breakdown Structures

Here, you can make a field selection for the screens of the project definition and the WBS elements.

You can specify modifiable and influencing fields.



Field selection Edit Goto Utilities System Help

Field Selection: Modifiable Fields

Modified Influencing Screen groups Influences

Screen group Project definition

Modifiable fields						
Modifiable field	Field name	Input	Req.	Disp.	Hide	HiLi
Applicant no.	PROJ-ASTNR	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Automatic reqmnts grouping	PROJ-GRTOP	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Budget profile	PROJ-BPROF	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Business area	PROJ-VGSBR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Changed by	PROJ-AENAM	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Company code	PROJ-VBUKR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Controlling area	PROJ-VKOKR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Created by	PROJ-ERNAM	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Created on	PROJ-ERDAT	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Description	PROJ-POST1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Factory calendar	PROJ-KALID	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Finish date	PROJ-PLSEZ	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Finish date (frst)	PROJ-EPROG	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Forecast start date	PROJ-SPROG	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Int.calc.profile	PROJ-ZSCHM	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Integrated planning	PROJ-PLINT	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Investment profile	PROJ-IMPRF	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Jurisdiction code	PROJ-TXJCD	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Last basic sched.	PROJ-AEDTE	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Last change	PROJ-AEDAT	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Last forecast sched.	PROJ-AEDTP	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Location	PROJ-STORT	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Network asst	PROJ-ZUORD	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Network profile	PROJ-VPROF	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
No project stock	PROJ_BEST_NOBEST	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Non-valuated stock	PROJ_BEST_UNBWRT	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Object class	PROJ-SCOPE	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
PartnerDetermProced.	PROJ-PARGR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Payment plan profile	PROJ-FMPRF	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Person responsible	PROJ-VERNR	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Plan.meth/fcst dates	PROJ-EWPLF	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
PlanMeth/basic dates	PROJ-VGPLF	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>

Field selection Edit Goto Utilities System Help

Field Selection: Modifiable Fields

Modified Influencing Screen groups Influences

Screen group WBS element

Modifiable fields						
Modifiable field	Field name	Input	Req.	Disp.	Hide	HiLi
Acct asst elem.	PRPS-BELKZ	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Applicant no.	PRPS-ASTNR	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Approval year	RAIP1-GJAHR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Billing element	PRPS-FAKKZ	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Business area	PRPS-PGSBR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
CA req. cost center	PRPS-AKOKR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
CA resp. cost center	PRPS-FKOKR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
CCtr posted actual	PRPS-KOSTL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
Change number	PRPS-AENNR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
Company code	PRPS-PBUKR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Controlling area	PRPS-PKOKR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Costing sheet	PRPS-KALSM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
Currency	PRPS-PWPOS	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Description	PROJ-POST1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Description	PRPS-POST1	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Envir. investment	PRPS-IUMKZ	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Equipment	PRPS-EQUNR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Factory calendar	PRPS-FABKL	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Field key	PRPS-SLWID	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Functional location	PRPS-TPLNR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Grouping WBS element	PRPS-GRPKZ	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
Int.calc.profile	PRPS-ZSCHM	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Integrated planning	PRPS-PLINT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
Investment profile	PRPS-IMPRF	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Investment program	RAIP1-PRNAM	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Investment reason	PRPS-IZWEK	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Jurisdiction code	PRPS-TXJCD	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>
Location	PRPS-STORT	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Network asst	PRPS-ZUORD	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Object class	PRPS-SCOPE	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Overhead key	PRPS-ZSCHL	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
Person responsible	PROJ-VERNR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>

1.1.11 Create User- Defined for WBS Elements

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → User Interface Settings → Create User-Defined Fields for WBS Elements

User defined text fields can be used as additional information. The user defined fields are not checked by the SAP system. But checks can be done through an enhancement.

The fields available are:-

General text fields

Quantity fields

Value fields

Date fields

Check boxes

The key words for the user-defined fields are determined by a key word ID.

Let us see an SAP standard Field key.

Double click

Fld key	Description
0000001	User-Defined fields

Change View "User fields": Details

Field key: 0000001

User-defined fields

Text	Field 1	Field 2
Text	Field 3	Field 4
Quantity	Number 1	Number 2
Value	Number 3	Number 4
Date	Date 1	Date 2
Checkboxes	Indicator 1	Indicator 2

Authorization object:

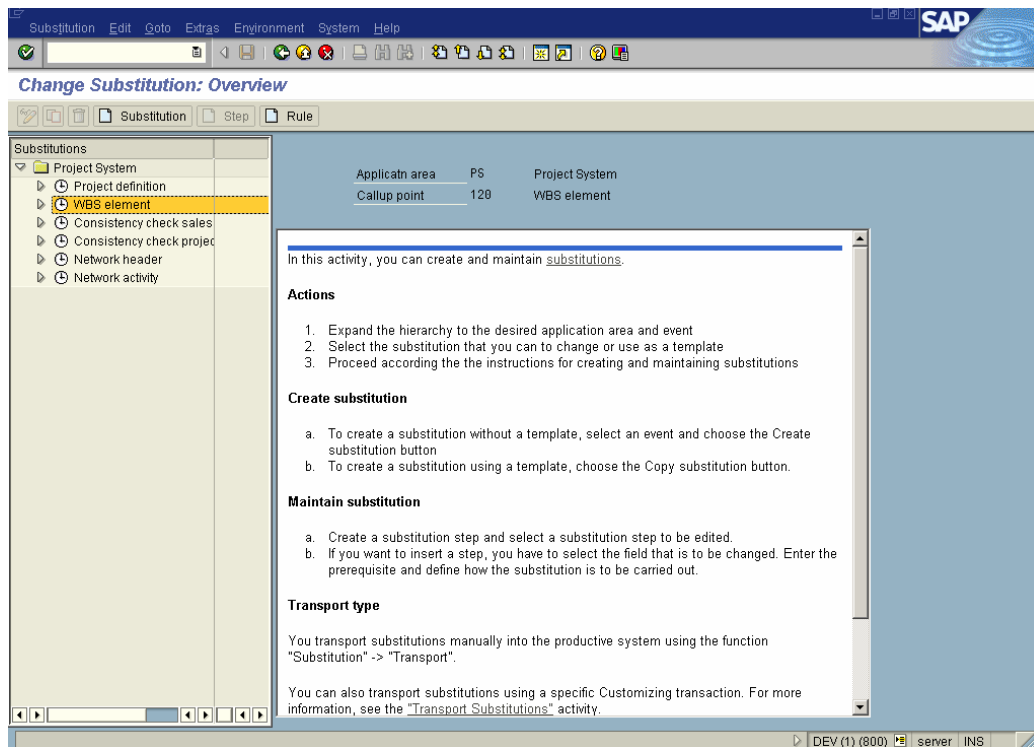
1.1.12 Maintain Substitutions

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Maintain Substitutions

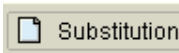
We will create a substitution:-

If responsible person entered in WBS is 200 - Jerry Jones then update the responsible cost center as 9104001

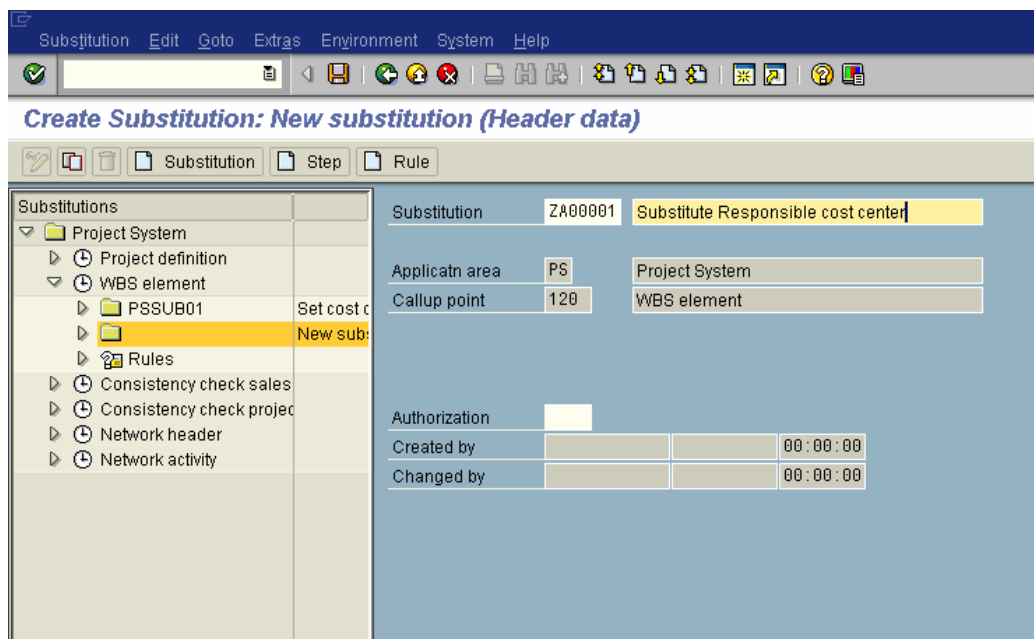
If responsible person entered in WBS is 201 - Angeline Reyes then update the responsible cost center as 9104002



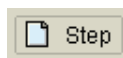
Position the cursor on WBS element and Click



Update the following:-



Click



Substitutable fields (Class 071)

Table	Field	Description	Type	000000
<input type="checkbox"/>		Only exit		000000
<input type="checkbox"/> PRPS	ABGSL	RA Key	CHAR	000006
<input type="checkbox"/> PRPS	ABUKR	Req. co.code	CHAR	000004
<input type="checkbox"/> PRPS	AENNR	Change Number	CHAR	000012
<input type="checkbox"/> PRPS	AKOKR	CA (requesting)	CHAR	000004
<input type="checkbox"/> PRPS	AKSTL	Req.cost center	CHAR	000010
<input type="checkbox"/> PRPS	ASTNR	Applicant no.	NUMC	000008
<input type="checkbox"/> PRPS	BELKZ	AA element	CHAR	000001
<input type="checkbox"/> PRPS	CLASF	Project sum.	CHAR	000001
<input type="checkbox"/> PRPS	EQU NR	Equipment	CHAR	000018
<input type="checkbox"/> PRPS	ETYPE	Equity type	CHAR	000003
<input type="checkbox"/> PRPS	FABKL	Factory calend.	CHAR	000002
<input type="checkbox"/> PRPS	FAKKZ	Billing elem.	CHAR	000001

Click ☐

Click ☐

Select

Substitutable fields (Class 071)

Table	Field	Description	Type	000000
<input checked="" type="checkbox"/> PRPS	FKOKR	CA (resp.)	CHAR	000004
<input checked="" type="checkbox"/> PRPS	FKSTL	Resp. cost cntr	CHAR	000010
<input type="checkbox"/> PRPS	FUNC_AREA	Functional Area	CHAR	000016
<input type="checkbox"/> PRPS	GRPKZ	Grouping WBS el	CHAR	000001
<input type="checkbox"/> PRPS	IMPRF	Invest. profile	CHAR	000006
<input type="checkbox"/> PRPS	ISIZE	Scale	CHAR	000002
<input type="checkbox"/> PRPS	IUMKZ	Envir. invest.	CHAR	000005
<input type="checkbox"/> PRPS	IZWEK	Invest. reason	CHAR	000002
<input type="checkbox"/> PRPS	JIBCL	JIB/JIBE Class	CHAR	000003
<input type="checkbox"/> PRPS	JIBSA	JIB/JIBE SbClsA	CHAR	000005
<input type="checkbox"/> PRPS	KALSM	Costing Sheet	CHAR	000006
<input type="checkbox"/> PRPS	KOSTL	CCtr posted	CHAR	000010
<input type="checkbox"/> PRPS	OTYPE	JV Object Type	CHAR	000004

Click ☒

Click ☒

Entering the substitution method

How would you like to substitute
field PRPS-FKOKR ?

With:

☒ Constant value

☐ Exit

☐ Field - Field assignment

☒ ☐

Click 

Entering the substitution method

How would you like to substitute
field PRPS-FKSTL ?

With:

☒ Constant value

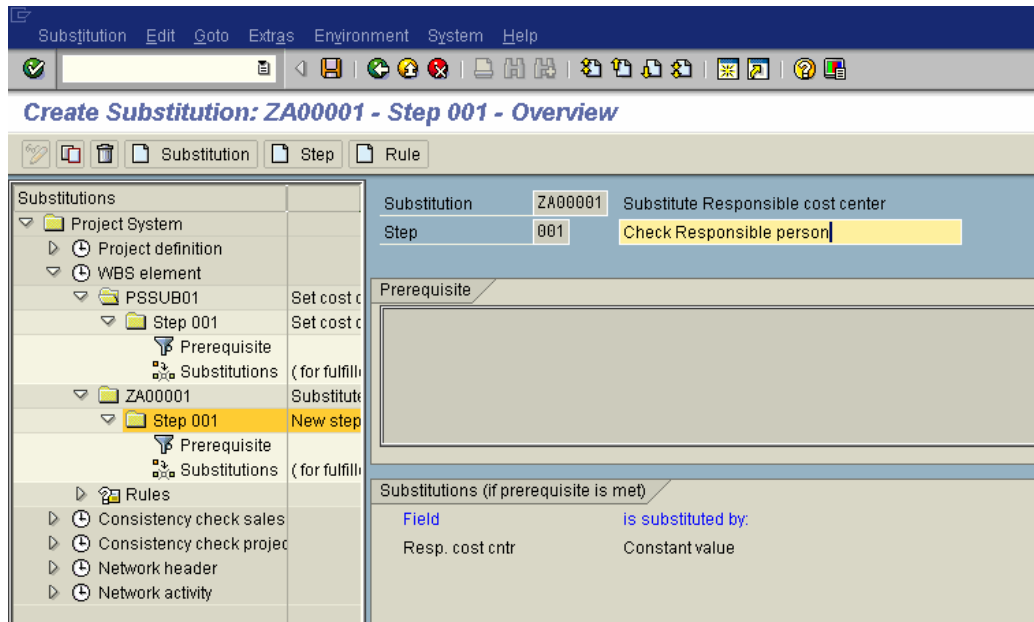
☐ Exit

☐ Field - Field assignment

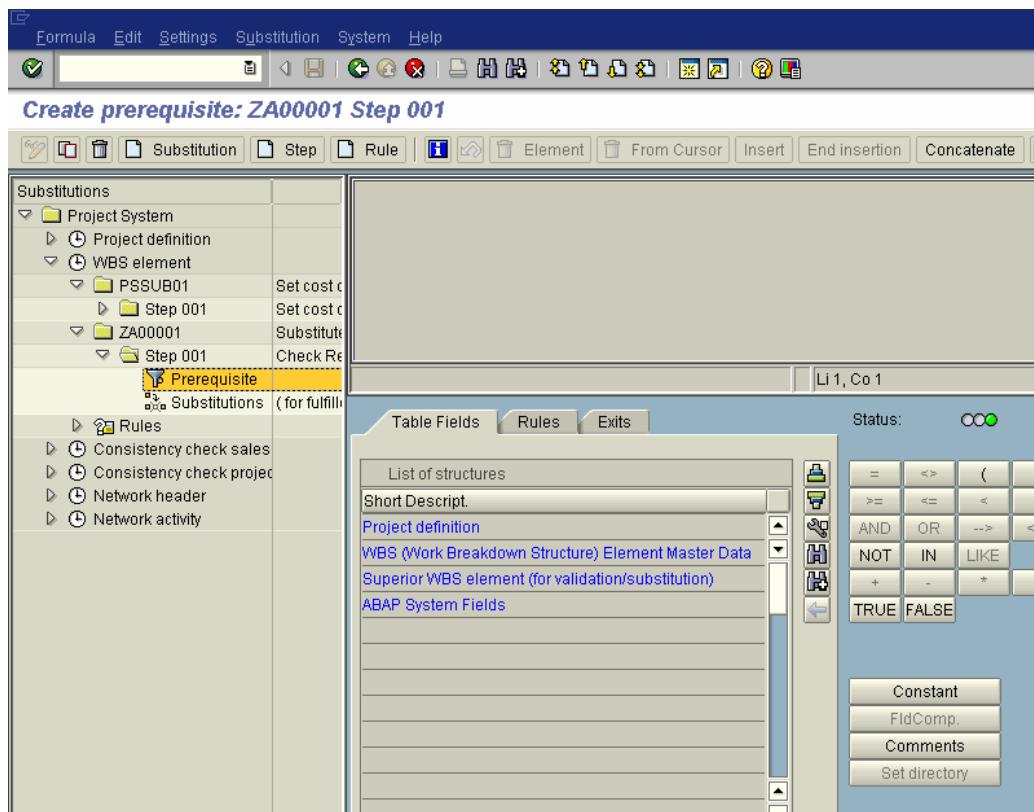
☒ ☐

Click 

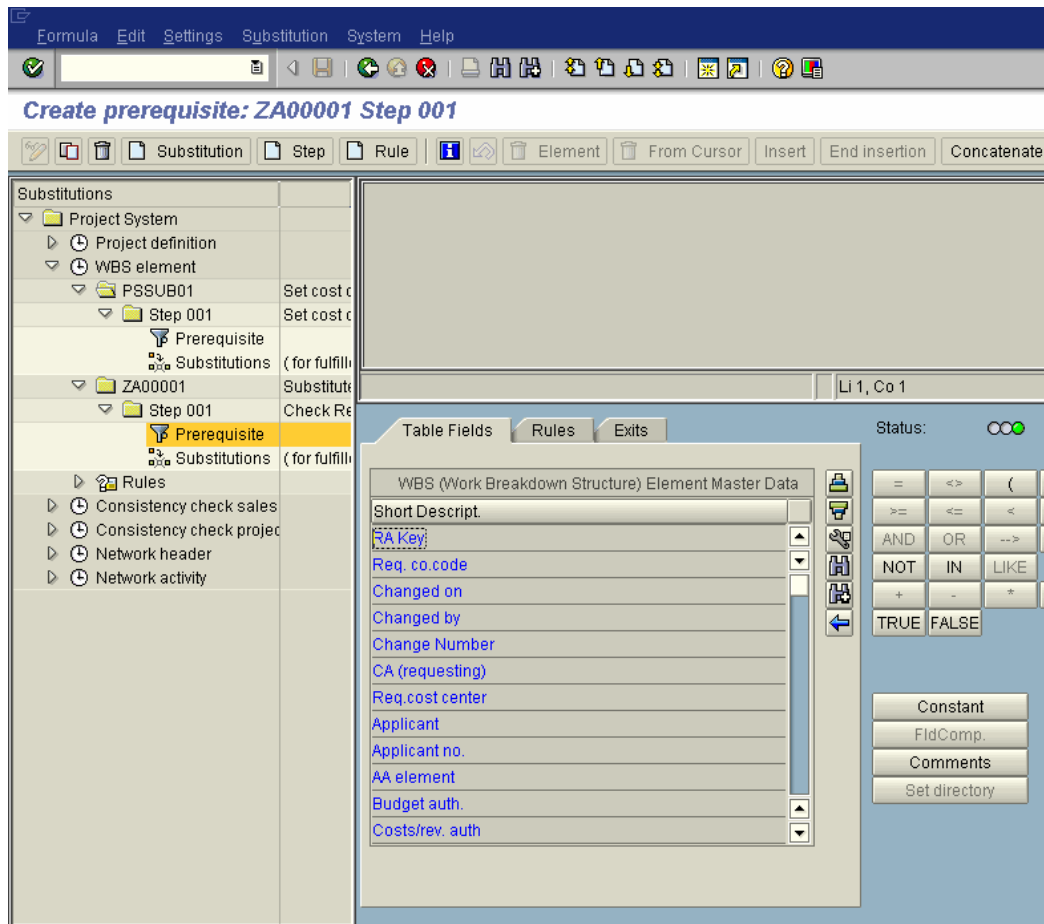
Update the following:-




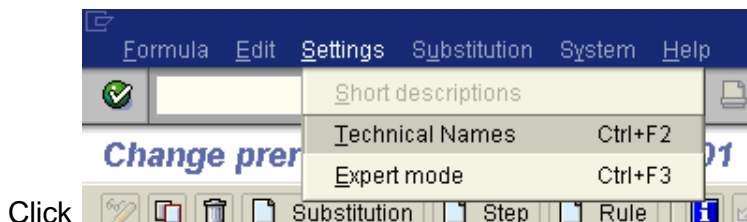
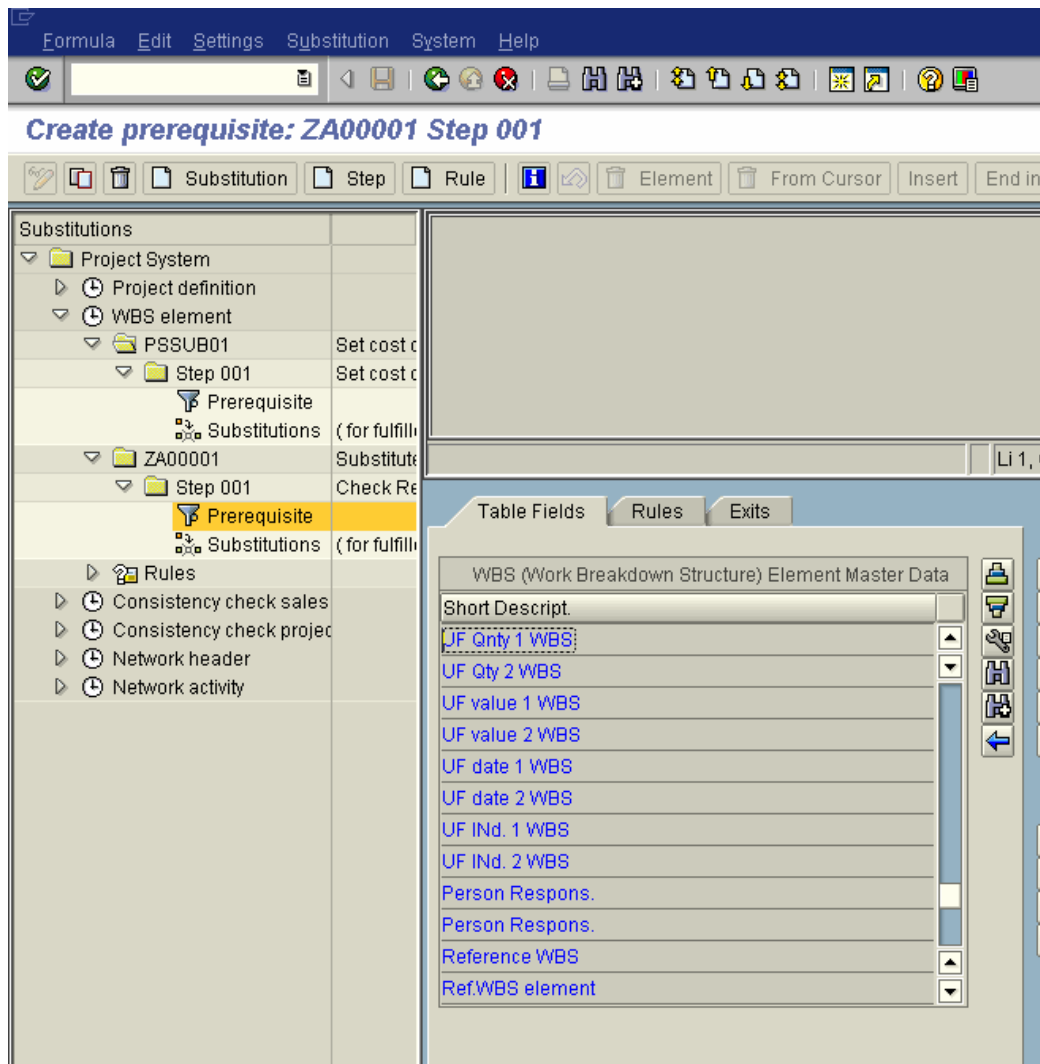
Double click  Prerequisite



Double click **WBS (Work Breakdown Structure) Element Master Data**

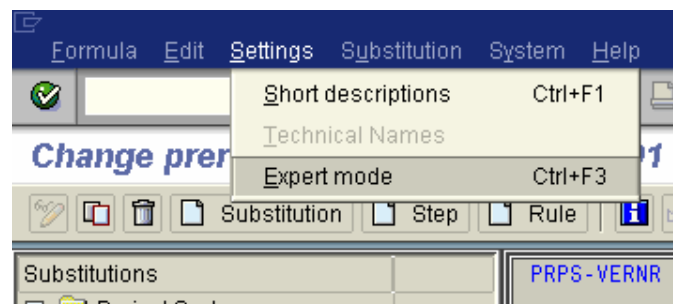


Click  to scroll down the fields



Click

The technical names as well as short description will be displayed.



Further click

Table Fields Rules Exits		
WBS (Work Breakdown Structure) Element Master Data		
Techn. Name	Short Descript.	
PRPS-USR07	UF value 2 WBS	
PRPS-USR08	UF date 1 WBS	
PRPS-USR09	UF date 2 WBS	
PRPS-USR10	UF IND. 1 WBS	
PRPS-USR11	UF IND. 2 WBS	
PRPS-VERNA	Person Respons.	
PRPS-VERNR	Person Respons.	
PRPS-VLPKZ	Reference WBS	
PRPS-VLPSP	Ref.WBS element	
PRPS-VNAME	Joint Venture	
PRPS-WERKS	Plant	
PRPS-XSTAT	Statistical	

Double click **PRPS-VERNR** **Person Respons.**

Formula Edit Settings Substitution System Help

Change prerequisite: ZA00001 Step

Substitutions

- Project System
 - Project definition
 - WBS element
 - PSSUB01
 - ZA00001
 - Step 001
 - Prerequisite**
 - Substitutions (for fulfillment)
 - Step 002
 - Check Re

PRPS-VERNR

Li 1, Co 11 Ln 1 - Ln 2 of 2 lines

Status: ⓘ

Table Fields Rules Exits

WBS (Work Breakdown Structure) Element Master Data

Techn. Name	Short Descript.
PRPS-USR07	UF value 2 WBS
PRPS-USR08	UF date 1 WBS
PRPS-USR09	UF date 2 WBS
PRPS-USR10	UF IND. 1 WBS
PRPS-USR11	UF IND. 2 WBS
PRPS-VERNA	Person Respons.
PRPS-VERNR	Person Respons.
PRPS-VLPKZ	Reference WBS
PRPS-VLPSP	Ref.WBS element
PRPS-VNAME	Joint Venture
PRPS-WERKS	Plant
PRPS-XSTAT	Statistical

= <> ()
 >= <= < >
 AND OR --> <->
 NOT IN LIKE
 + - * /
 TRUE FALSE

Constant
 FldComp.
 Comments
 Set directory

DEV (2) (800) server INS

Click 

Click Constant

Update the following:-

Enter constants:

Person Respons.

☒ ☐

Take a drop down in the field and select

Enter constants:

Person Respons. 00000200

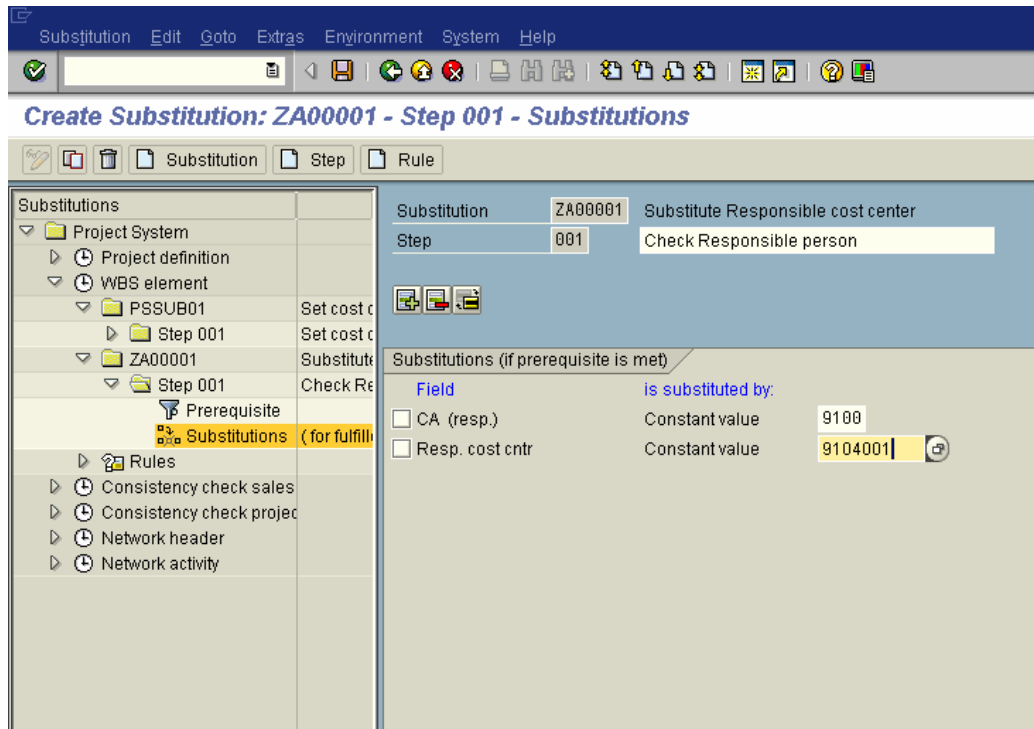
✓ ✗


The screenshot displays the SAP Project System (PS) interface for editing a prerequisite. The title bar indicates the current task is 'Change prerequisite: ZA00001 Step'. The left-hand pane shows the project hierarchy: 'Substitutions' is expanded, leading to 'Project System', 'Project definition', 'WBS element', 'PSSUB01', and 'ZA00001'. Under 'ZA00001', 'Step 001' is selected, and its prerequisite is being edited. The main workspace shows the prerequisite definition for 'PRPS-VERNR' with a value of '00000200'. The bottom pane is divided into two sections. The left section, titled 'WBS (Work Breakdown Structure) Element Master Data', contains a table with columns 'Techn. Name' and 'Short Descript.'. The right section, titled 'Status:', contains logical operators (AND, OR, NOT, IN, LIKE) and buttons for 'Constant', 'FldComp.', 'Comments', and 'Set directory'.

Techn. Name	Short Descript.
PRPS-USR07	UF value 2 WBS
PRPS-USR08	UF date 1 WBS
PRPS-USR09	UF date 2 WBS
PRPS-USR10	UF Ind. 1 WBS
PRPS-USR11	UF Ind. 2 WBS
PRPS-VERNA	Person Respons.
PRPS-VERNR	Person Respons.
PRPS-VLPKZ	Reference WBS
PRPS-VLPSP	Ref WBS element
PRPS-VNAME	Joint Venture
PRPS-WERKS	Plant
PRPS-XSTAT	Statistical

Double click  Substitutions

Update the following:-




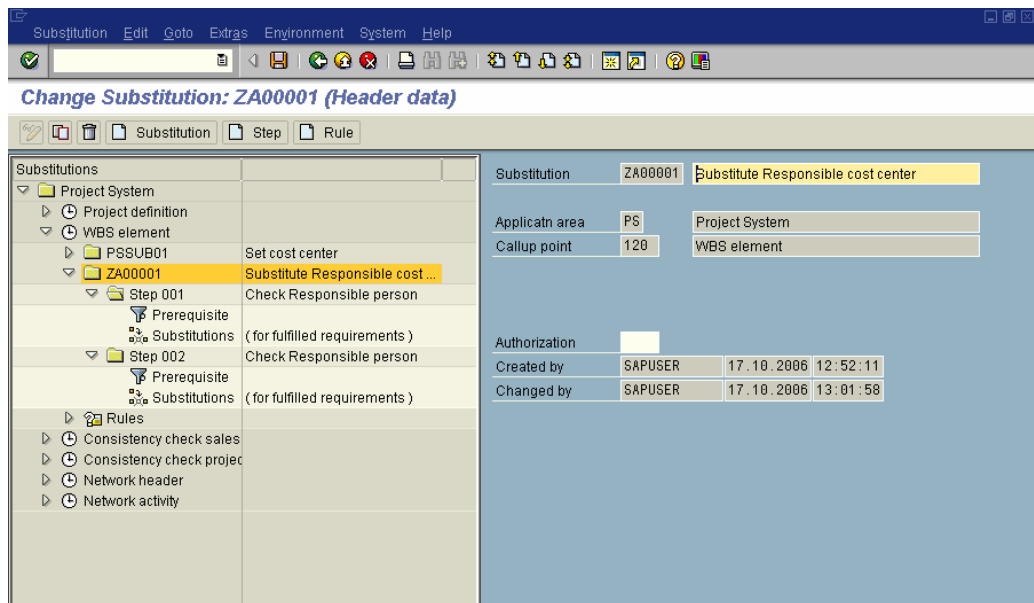
Click on 


Position cursor on 

Click 

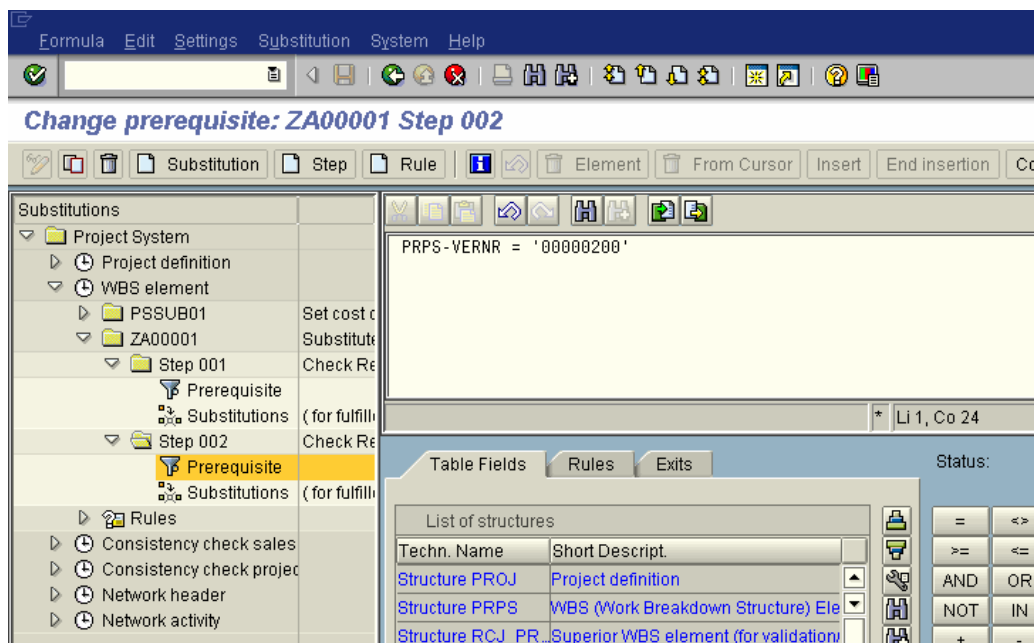
Click on 

Click back and again open 

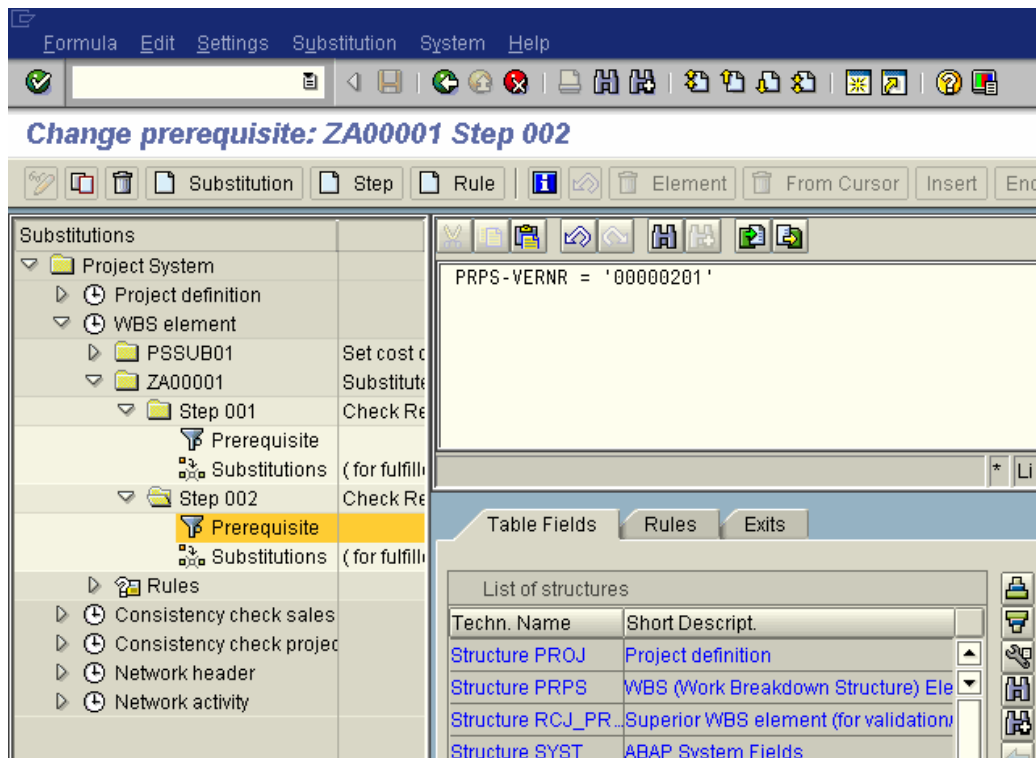


Double click  Step 002 Check Responsible person

Double click  Prerequisite

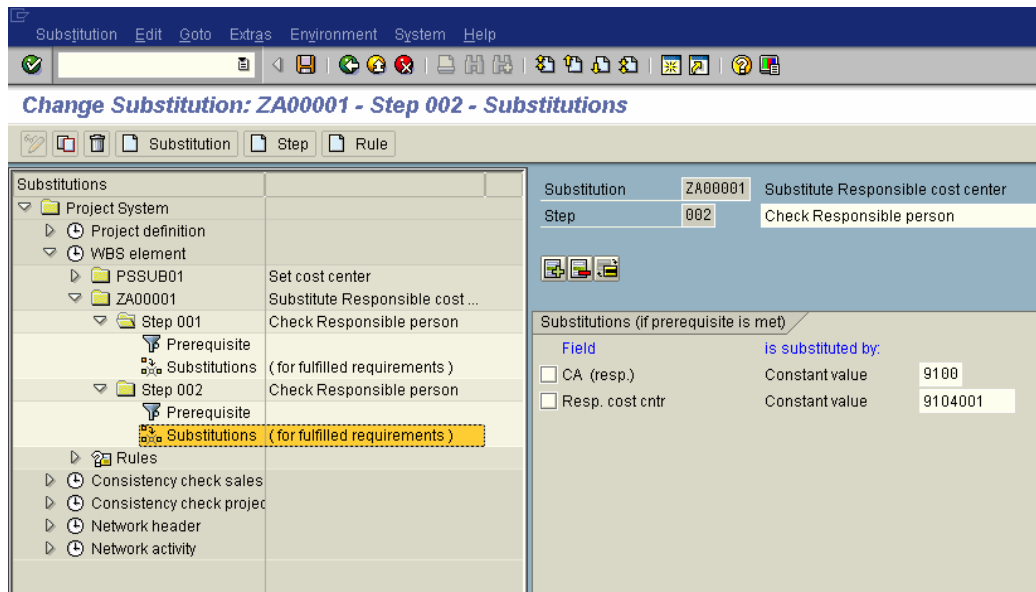


Change 00000200 to 00000201

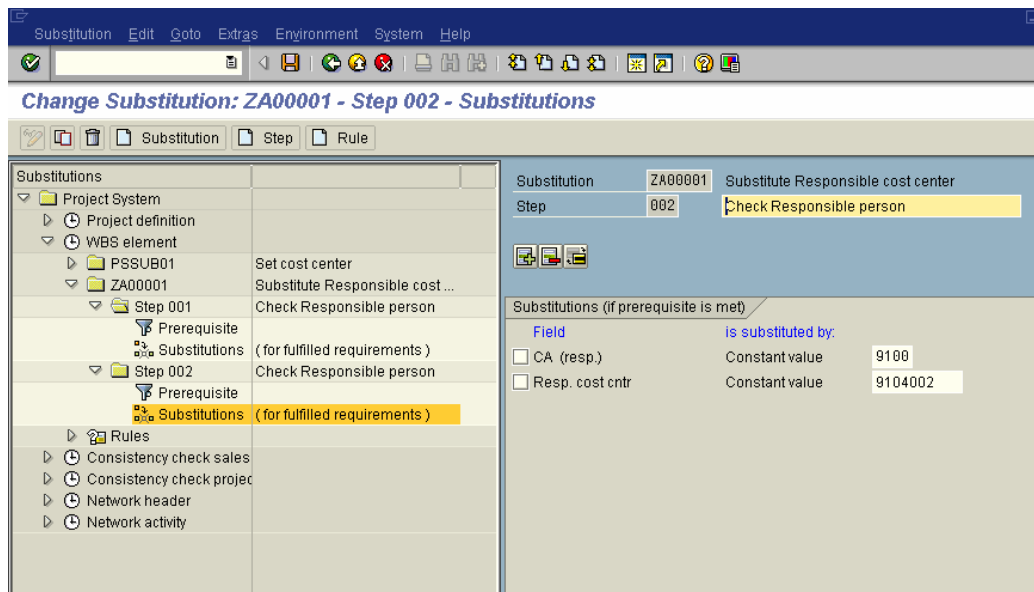


Double click

Substitutions (for fulfilled requirements)



Update the following:-



Click on 

1.2 Operative Structures for Network

1.2.1 Maintain network types

IMG → Project System → Structures → Operative Structures → Network → Settings for Networks → Maintain network types

The network type contains information for controlling and managing networks.

In the SAP System, the network is a special form of the work order which has a structure in common with production, maintenance and inspection orders. Every network you create must have a network type allocated to it.

Click on 

Update the following:-

Table View Edit Goto Selection Utilities System Help

New Entries: Details of Added Entries

Order category 20 Network

Order Type Z901 AM Network type header account

Control indicator

CO partner update Semi-active

☐ Classification

☐ Planning

Reorganization

Residence Time1 24 Months

Residence Time2 1 Months

Costs

Functional Area

Object Class OCOST Production


Settlmt Profile

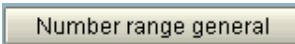
Status management

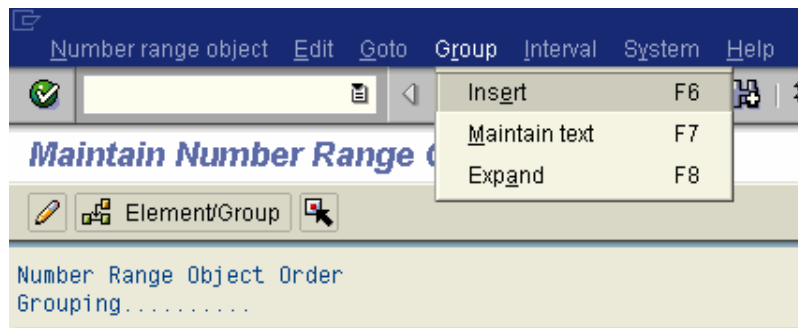
Status profile

☐ Release immed.

Number range general

Click on 

Click on 



Click

From number	To number	Current number	Ext
910900000000	910909999999	0	

From number	To number	Current number	Ext
000060000001	000064999999	60002704	
A	ZZZZZZZZZZZZ		
\$	\$ZZZZZZZZZZZZ		

Click

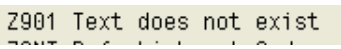
Click on

☐ AM Operative Networks (account assignment on header)

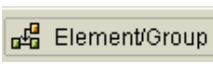
Not Assigned

- PPC1 Order Type for Costing
- PPK1 PP Production Order for Kanban
- QM01 QM: Sample Drawing Instruction
- QM02 QM: Inspection Instruction
- Z901 Text does not exist
- ZCNT Refurbishment Order


Click ☒ AM Operative Networks (account assignment on header)

Click 

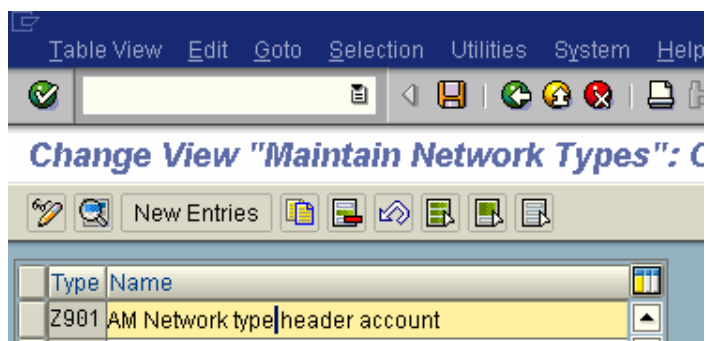
Click 

Click 

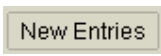
☒ AM Operative Networks (account assignment on header)
Z901 Text does not exist

Click on 

Click 



Similarly create Network type for activity type account

Click on 

Update the following:-

The screenshot shows the SAP configuration interface for 'New Entries: Details of Added Entries'. The menu bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. The toolbar contains various icons for saving, deleting, and navigating. The main form is divided into several sections:

- Order category:** 20 Network
- Order Type:** Z902 AM Network type activity account
- Control indicator:**
 - CO partner update: Semi-active
 - ☐ Classification
 - ☐ Planning
- Reorganization:**
 - Residence Time1: 24 Months
 - Residence Time2: 1 Months
- Costs:**
 - Functional Area: (empty)
 - Object Class: OCOST Overhead costs
 - Settlmnt Profile: (empty) [icon]
- Status management:**
 - Status profile: (empty)
- ☐ Release immed.
- Number range general** (button)

Click on 

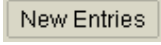
Click 

Similarly create a group and assign a number range.

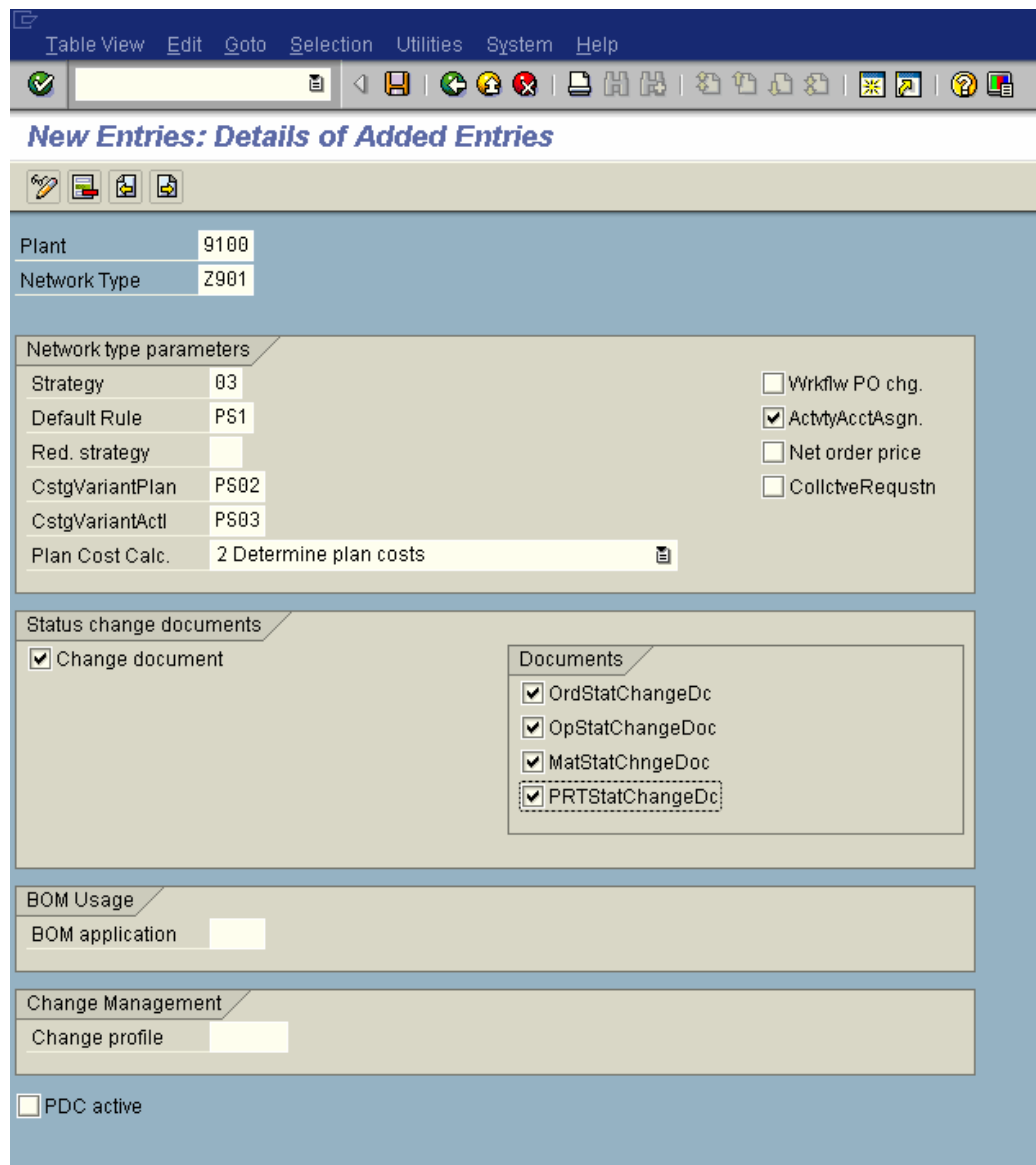
1.2.2 Specify Parameters for Network Type

IMG → Project System → Structures → Operative Structures → Network → Settings for Networks → Specify Parameters for Network Type

Here you define the parameters per plant and network type.


Click on 

Update the following:-



The screenshot shows the SAP configuration screen titled "New Entries: Details of Added Entries". The interface includes a menu bar (Table View, Edit, Goto, Selection, Utilities, System, Help) and a toolbar with various icons. The main content area is divided into several sections:

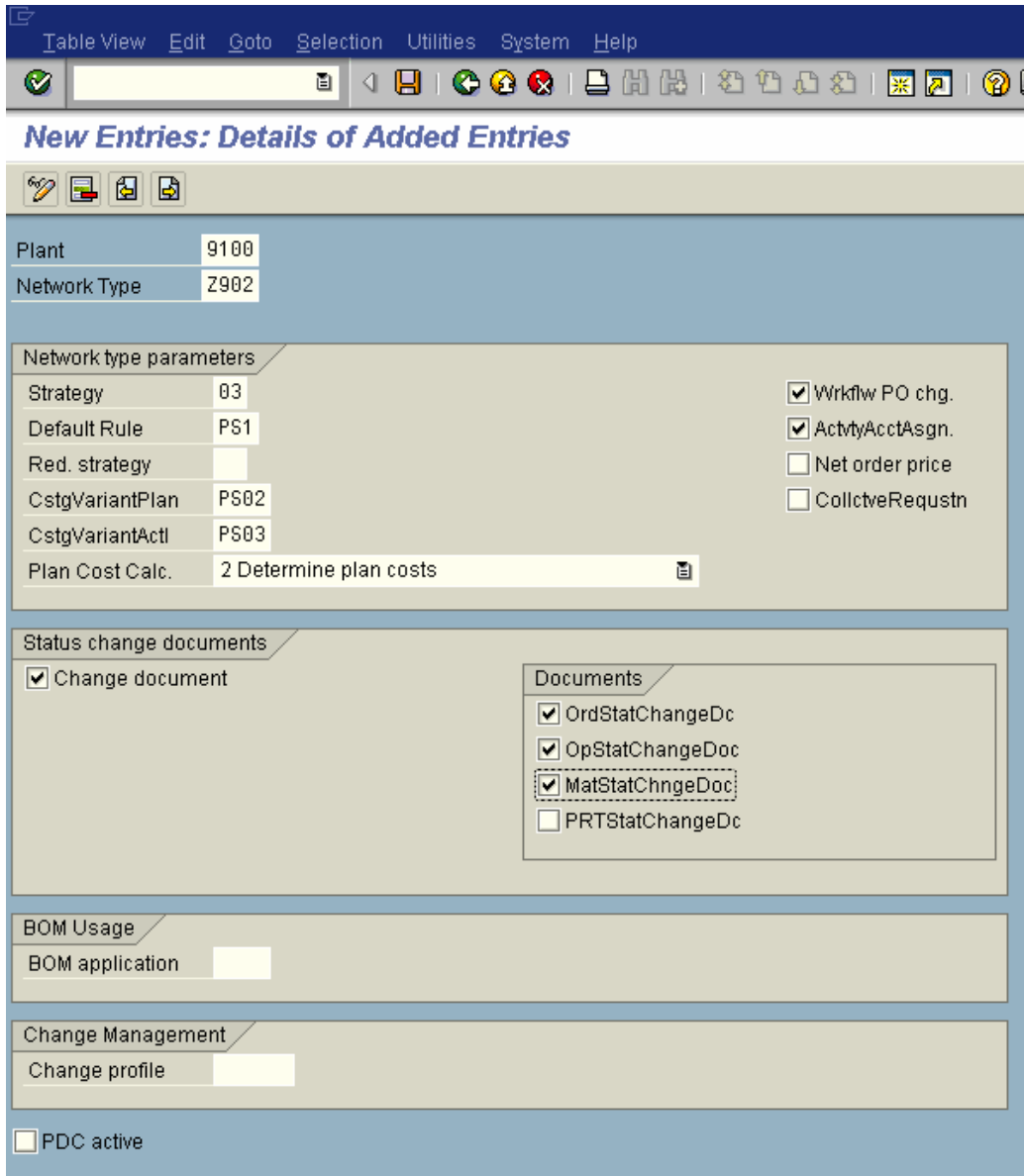
- Plant:** 9100
- Network Type:** Z901
- Network type parameters:**
 - Strategy: 03
 - Default Rule: PS1
 - Red. strategy:
 - CstgVariantPlan: PS02
 - CstgVariantActl: PS03
 - Plan Cost Calc.: 2 Determine plan costs
 - ☐ Wrklw PO chg.
 - ☒ ActvtyAcctAsgn.
 - ☐ Net order price
 - ☐ CollectveRequestn
- Status change documents:**
 - ☒ Change document
 - Documents:**
 - ☒ OrdStatChangeDc
 - ☒ OpStatChangeDoc
 - ☒ MatStatChngeDoc
 - ☒ PRTStatChangeDc
- BOM Usage:**
 - BOM application:
- Change Management:**
 - Change profile:
- ☐ PDC active

Click on 

Click 


Click on 

Update the following:-



The screenshot shows the SAP PS Configuration interface for 'New Entries: Details of Added Entries'. The interface includes a menu bar (Table View, Edit, Goto, Selection, Utilities, System, Help) and a toolbar with various icons. The main form is divided into several sections:

- Plant:** 9100
- Network Type:** Z902
- Network type parameters:**
 - Strategy: 03
 - Default Rule: PS1
 - Red. strategy:
 - CstgVariantPlan: PS02
 - CstgVariantActl: PS03
 - Plan Cost Calc.: 2 Determine plan costs
- Status change documents:**
 - ☒ Change document
 - Documents:**
 - ☒ OrdStatChangeDc
 - ☒ OpStatChangeDoc
 - ☒ MatStatChngeDoc
 - ☐ PRTStatChangeDc
- BOM Usage:**
 - BOM application:
- Change Management:**
 - Change profile:
- ☐ PDC active

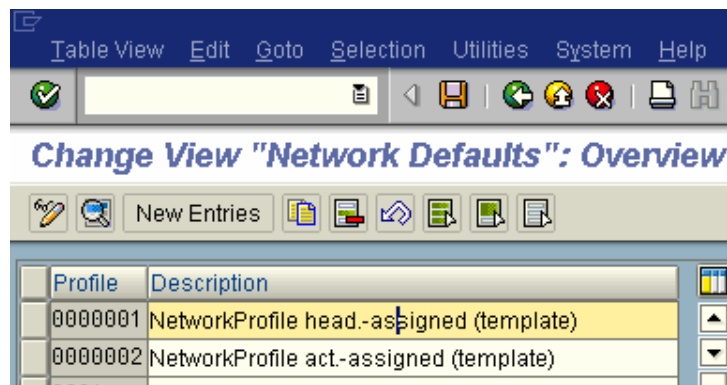
Click on 

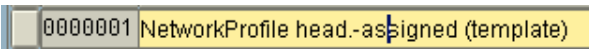
1.2.3 Maintain network profiles

IMG → Project System → Structures → Operative Structures → Network → Settings for Networks → Maintain network profiles

The network profile contains default values and parameters for controlling the processing of networks, such as control keys for activities.

The data which you enter here in the network profile is copied into the header, activities, and activity elements when you create a network. You can overwrite these values in each new network.



Select 

Click 

Table View Edit Goto Selection Utilities System Help

Change View "Network Defaults": Details of Selected Set

Network Profile 0000001 NetworkProfile head.-assigned (template)

Network Graphic Activities

Activity parameters

Internally processed activity

Control key PS01 Network - int. processing w/costing

Mat.cost elem.

Unit for work H

Norm.durath un. DAY

Calculation key

General costs activity

Control key PS03 Network - general costs activity

Cost element 415000 Ext. procurement

Service

Control key PS05 Network - service

Cost element 415000 Ext. procurement

Material Group

Purch. Group

Unit of measure

Externally processed activity

Control key PS02 Network - external processing

Cost element 415000 Ext. procurement

Currency EUR

Purchasing Org 1000 IDEC Deutschland

Specify target entries

Update the following:-

Table View Edit Goto Selection Utilities System Help

Change View "Network Defaults": Details of Selected Set

Network Profile Z900001 AM Network profile header acct.

Network Graphic Activities

Network parameters

Plant		Frankfurt
Network Type	Z901	Network with Header Assignment (int.no.)
Planner group	*	all
MRP cont.group		MEIER
Rel. view	3	Mixed
Level of detail	20	
Comp. increment	1	
Op./act. incrmnt	0010	
Check. WBS act.	W	No check
Overview var.	000000000004	
Procurement		
Field key	0000001	
Version prof.	0000001	
Res./Purc. req.	3	
	<input checked="" type="checkbox"/>	Cap. reqmts
	<input type="checkbox"/>	Entry tool
	<input checked="" type="checkbox"/>	Project sum.
	<input type="checkbox"/>	Align.Fin. date
	<input checked="" type="checkbox"/>	Proj. summ. MastDa

Validation

Network header	
Netwk activities	

Substitution

Network header	
Netwk activities	

Click **Graphic**


Network Profile		Z900001	AM Network profile header acct.		
Network		Graphic		Activities	
Graphic					
Graphic prfl		PS	NETWORK		
Rel. display	1	Color-Subnetwk.	BLUE	Color milestone	BROWN_1
Display options	1	Color for doc.s	DARKRED	Color for mat.	GREEN
				Color for elem.	GRAY
SearchTxtIndex1		SearchTxtIndex2		SearchTxtIndex3	
Prf planning board		SAPPS_TP0001	Planning board prof. for time scheduling		
Overall profile ID		SAPPS_6007	PS: Network weekly period split (graph.)		

Click 

Network Profile		Z900001	AM Network profile header acct.
<div>Network Graphic Activities</div>			
Activity parameters			
Internally processed activity			
Control key	PS01	Network - int. processing w/costing	
Mat.cost elem.			
Unit for work	H		
Norm.duratr un.	DAY		
Calculation key			
General costs activity			
Control key	PS03	Network - general costs activity	
Cost element			
Service			
Control key	PS05	Network - service	
Cost element	440515		
Material Group			
Purch. Group			
Unit of measure			
Externally processed activity			
Control key	PS02	Network - external processing	
Cost element	430004		
Currency			
Purchasing Org.	9100	A Ltd Purch Org	

Press enter

Click on 

Select  0000002 NetworkProfile act.-assigned (template)

Click 

Update the following:-

Table View Edit Goto Selection Utilities System Help

Change View "Network Defaults": Details of Selected Set

Network Profile Z900002 NetworkProfile activity acct

Network Graphic Activities

Network parameters

Plant		Frankfurt
Network Type	Z902	Network with Operation Assignment
Planner group		
MRP cont.group		MEIER
Rel. view	3	Mixed
Level of detail	20	
Comp. increment	1	
Op./act. incrm	0010	
Check. WBS act.	<input checked="" type="checkbox"/> No check	
Overview var.	000000000004	
Procurement		
Field key	0000001	
Version prof.	0000001	
Res./Purc. req.	3	
	<input checked="" type="checkbox"/> Cap. reqmts	
	<input type="checkbox"/> Entry tool	
	<input checked="" type="checkbox"/> Project sum.	
	<input type="checkbox"/> Align.Fin. date	
	<input checked="" type="checkbox"/> Proj. summ. MastDa	

Validation

Network header	
Netwk activities	

Substitution

Network header	
Netwk activities	

Click

Graphic

Table View Edit Goto Selection Utilities System Help

Change View "Network Defaults": Details of Selected Set

Network Profile Z900002 NetworkProfile activity acct











Network Graphic Activities

Graphic

Graphic prfl	PS	NETWORK		
Rel. display	1	Color-Subnetwk.	BLUE	Color milestone
Display options	1	Color for doc.s	DARKRED	Color for mat.
				Color for elem.
SearchTxtIndex1		SearchTxtIndex2		SearchTxtIndex3
Prf planning board	SAPPS_TP0001	Planning board prof. for time scheduling		
Overall profile ID	SAPPS_G007	PS: Cap.level.project system week (tab.)		

Click 

Table View Edit Goto Selection Utilities System Help

Change View "Network Defaults": Details of Selected Set

Network Profile NetworkProfile activity acct

Network Graphic Activities

Activity parameters


Internally processed activity

Control key	PS01	Network - int. processing w/costing
Mat.cost elem.	<input type="text"/>	
Unit for work	H	
Norm.duratr un.	DAY	
Calculation key	0	

General costs activity

Control key	PS03	Network - general costs activity
Cost element	<input type="text"/>	Ext. procurement


Service

Control key	ps05	Network - service
Cost element	440515	
Material Group	<input type="text"/>	
Purch. Group	<input type="text" value="1"/> 	
Unit of measure	<input type="text"/>	

Externally processed activity

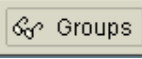
Control key	PS02	Network - external processing
Cost element	430004	Ext. procurement
Currency	<input type="text"/>	
Purchasing Org	0100	IDEP Deutschland

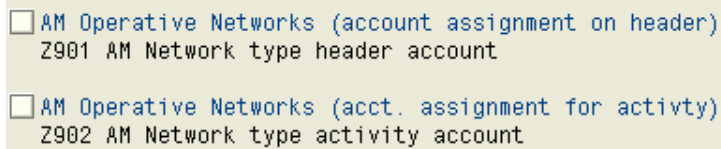
Press Enter

Click on 

1.2.4 Set Up Number Ranges for Network

IMG → Project System → Structures → Operative Structures → Network → Settings for Networks → Set Up Number Ranges for Network

We had already created the number groups and number ranges while configuring the network which can be seen by clicking 



☐ AM Operative Networks (account assignment on header)
Z901 AM Network type header account

☐ AM Operative Networks (acct. assignment for activity)
Z902 AM Network type activity account

1.2.5 Define Control Key

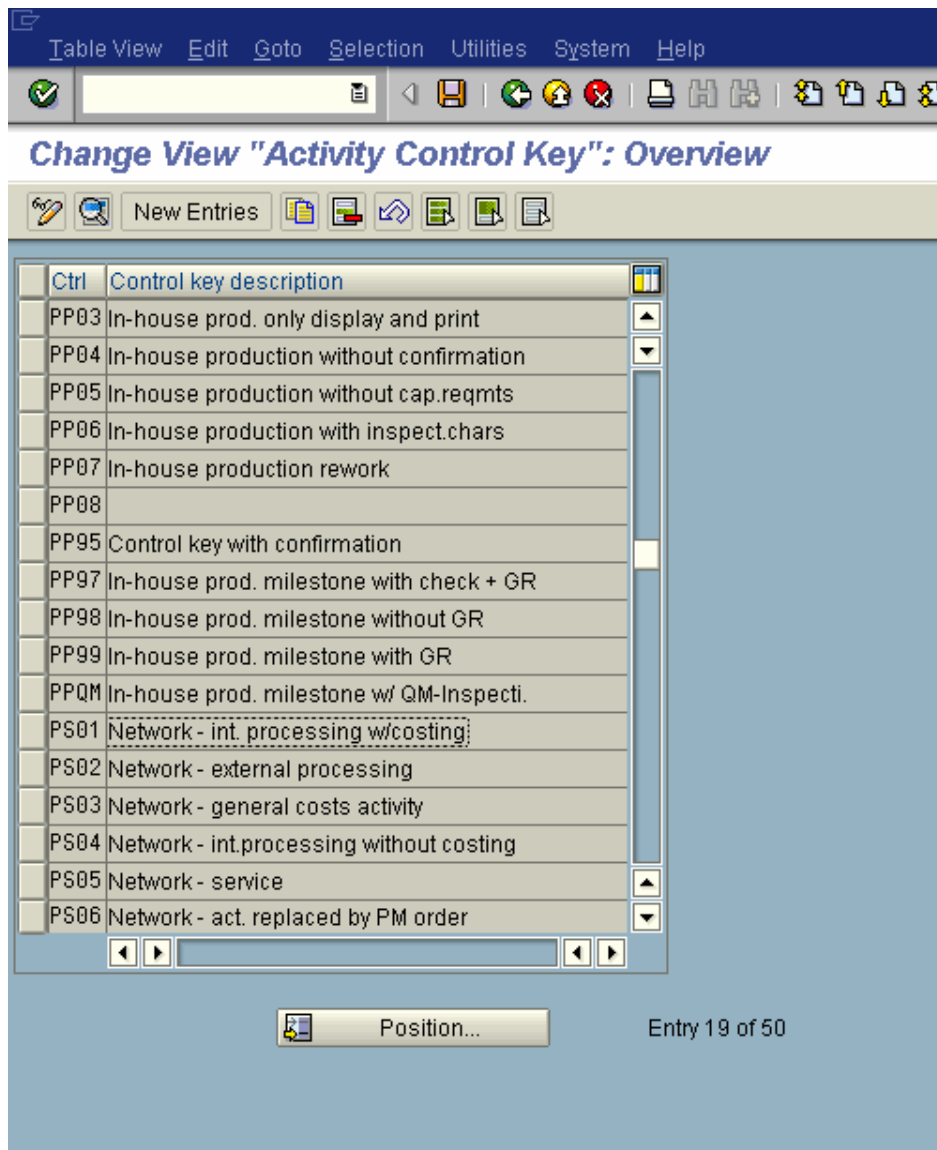
IMG → Project System → Structures → Operative Structures → Network → Settings for Networks → Define control key

Here you create the control keys for different activities and activity elements. The control key determines which business transactions are carried out when an activity is processed whether it is internal activity, external activity or both is possible.

You specify the indicators and keys for the various functions in the control key.

We have used the SAP standard control keys PS01, PS02 and PS05 for networks.

Let us check the settings.



Double click PS01 Network - int. processing w/costing

Table View Edit Goto Selection Utilities System Help

Change View "Activity Control Key": Details

New Entries

Control key PS01 Network - int. processing w/costing

Indicators

<input checked="" type="checkbox"/> Scheduling	<input checked="" type="checkbox"/> Print confirm.
<input checked="" type="checkbox"/> Det. Cap. Req.	<input checked="" type="checkbox"/> Print
<input type="checkbox"/> Gen. costs act.	<input type="checkbox"/> Sched.ext.op.
<input checked="" type="checkbox"/> Cost	
<input checked="" type="checkbox"/> Print time tic.	
Confirmation 2 Confirmation required	
Ext. processing Internally processed operation	
<input type="checkbox"/> Service	

Call up long text

Let us now check the settings of PS02

Table View Edit Goto Selection Utilities System Help

Change View "Activity Control Key": Details

New Entries

Control key PS02 Network - external processing

Indicators

<input checked="" type="checkbox"/> Scheduling	<input checked="" type="checkbox"/> Print confirm.
<input type="checkbox"/> Det. Cap. Req.	<input checked="" type="checkbox"/> Print
<input type="checkbox"/> Gen. costs act.	<input type="checkbox"/> Sched.ext.op.
<input checked="" type="checkbox"/> Cost	
<input checked="" type="checkbox"/> Print time tic.	
Confirmation Confirmation possible but not necessary	
Ext. processing + Externally processed operation	
<input type="checkbox"/> Service	

Call up long text

Let us also check the settings for control key PS05

The screenshot shows the SAP 'Change View Activity Control Key' dialog box. The title bar reads 'Change View "Activity Control Key": Details'. The 'Control key' field is set to 'PS05' and the 'Network - service' field is highlighted. The 'Indicators' section contains the following settings:

Indicator	Value
Scheduling	<input checked="" type="checkbox"/>
Det. Cap. Req.	<input checked="" type="checkbox"/>
Gen. costs act.	<input type="checkbox"/>
Cost	<input checked="" type="checkbox"/>
Print time tic.	<input checked="" type="checkbox"/>
Confirmation	<input type="checkbox"/> Confirmation possible but not necessary
Ext. processing	<input checked="" type="checkbox"/> + Externally processed operation
Service	<input checked="" type="checkbox"/>
Print confirm.	<input checked="" type="checkbox"/>
Print	<input checked="" type="checkbox"/>
Sched.ext.op.	<input type="checkbox"/>

At the bottom, there is a button labeled 'Call up long text'.

1.2.6 Account Assignment Categories and Document Types for Purchase Requisitions

IMG → Project System → Structures → Operative Structures → Network → Settings for Network Activities → Account Assignment Categories and Document Types for Purchase Requisitions

Here you specify purchasing item categories and a purchasing document type for purchase requisitions in the network

Table View Edit Goto Selection Utilities System

Change View "Account assignment cate

Order category 20 Network

Document type NB Arch.requis. Stand.

Acct. assign. cat.

Acct. assgmt. gen.	F	Order
AcctAssCat projects	Q	Proj. make-to-order
AccAssCat SalesOrder	E	Customer indiv. reqt
Sales doc. - project	D	Ind.cust/settlm.proj

Change the Acct. assgmt. Gen from F to N

Table View Edit Goto Selection Utilities System

Change View "Account assignment cate

Order category 20 Network

Document type NB Purch.requis. Stand.

Acct. assign. cat.

Acct. assgmt. gen.	N	Network
AcctAssCat projects	Q	Proj. make-to-order
AccAssCat SalesOrder	E	Customer indiv. reqt
Sales doc. - project	D	Ind.cust/settlm.proj

Click on 

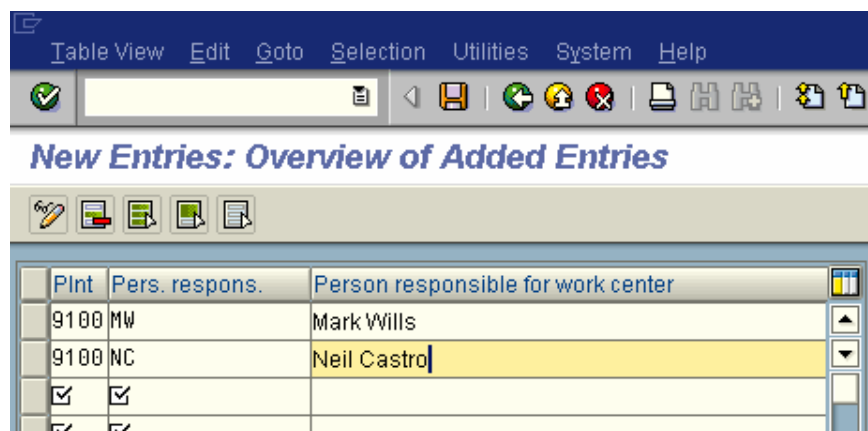
1.2.7 Specify person responsible for work center

IMG → Project System → Structures → Operative Structures → Network → Work Center → Specify person responsible for work center


Here we create person responsible for work center for a plant.

Click on 

Update the following:-



Plnt	Pers. respons.	Person responsible for work center
9100 MW		Mark Wills
9100 NC		Neil Castro
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Click on 

1.2.8 Define parameters for Subnetworks

IMG → Project System → Structures → Operative Structures → Network → Define parameters for subnetworks

Here you maintain the following parameters for subnetworks:-

Network type for the subnetwork

Network type of the activity which is replaced by the subnetwork





















Click on 

Table View Edit Goto Selection Utilities System Help

New Entries: Details of Added Entries

Network type subntwk	Z901
NtwkTy replaced act.	Z901 AM Network type header account

Control parameter

Control key	PS05 Network - service
Copy dates	
















Click on 

Click 





Click on 


Update the following:-

Table View Edit Goto Selection Utilities System Help


New Entries: Details of Added Entries

Network type subntwk	Z902 
NtwkTy replaced act.	Z902 AM Network type activity account

Control parameter

Control key	PS05 Network - service
Copy dates	

Click on 

1.3 Operative Structures for Milestones

1.3.1 Define Milestone Usage

IMG → Project System → Structures → Operative Structures → Milestones → Define Milestone Usage

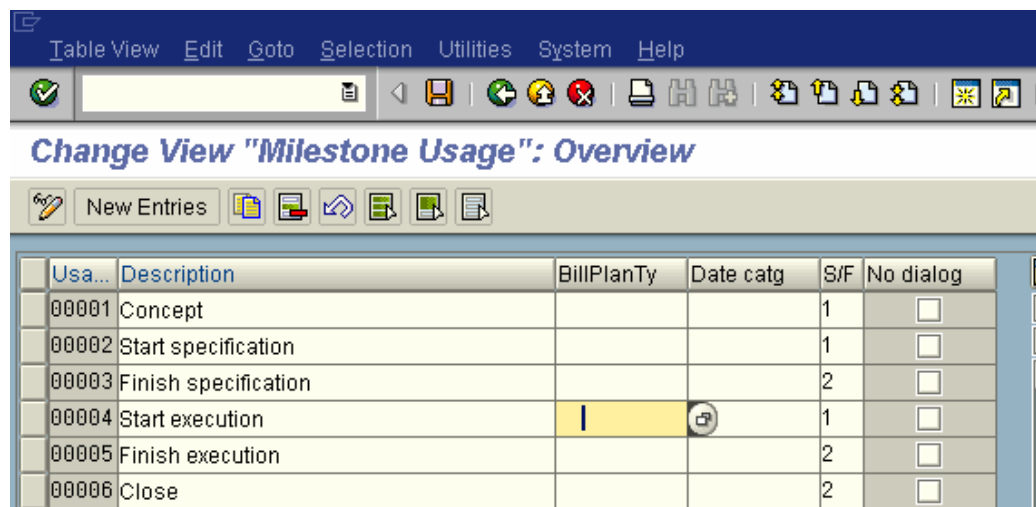
Here you define milestone usages.

It is used for:-

- 1) Trigger for earned value analysis
- 2) It is generally used in the area of engineering and design.

The usage values can be used in selection in the information system

There are standard milestone usages defined in the system.



Usa...	Description	BillPlanTy	Date catg	S/F	No dialog
00001	Concept			1	<input type="checkbox"/>
00002	Start specification			1	<input type="checkbox"/>
00003	Finish specification			2	<input type="checkbox"/>
00004	Start execution	I		1	<input type="checkbox"/>
00005	Finish execution			2	<input type="checkbox"/>
00006	Close			2	<input type="checkbox"/>

Usa...	Description	BillPlanTy	Date catg	S/F	No dialog
PS01	Partial billing (deb.)			2	<input type="checkbox"/>
PS02	First start-up				<input type="checkbox"/>
PS03	Final billing (deb.)	10	02	2	<input type="checkbox"/>
PS04	Down payment (deb.)	10	02	2	<input type="checkbox"/>
PS11	Partial billing (cred)	30	01	2	<input type="checkbox"/>
PS13	Final billing (cred.)	30	03	2	<input type="checkbox"/>
PS14	Down payment (cred.)	30	04	2	<input type="checkbox"/>
ZNET	Create network			2	<input type="checkbox"/>
ZREL	Release activities			2	<input type="checkbox"/>

1.4 Project Planning Board

1.4.1 Define Time Profiles

IMG → Project System → Structures → Project Planning Board → Define Time Profiles

With a time profile you specify the various time periods for working in the project planning board.

Evaluation period

The evaluation period defines the time frame for working with and displaying data in the project planning board.

Planning period

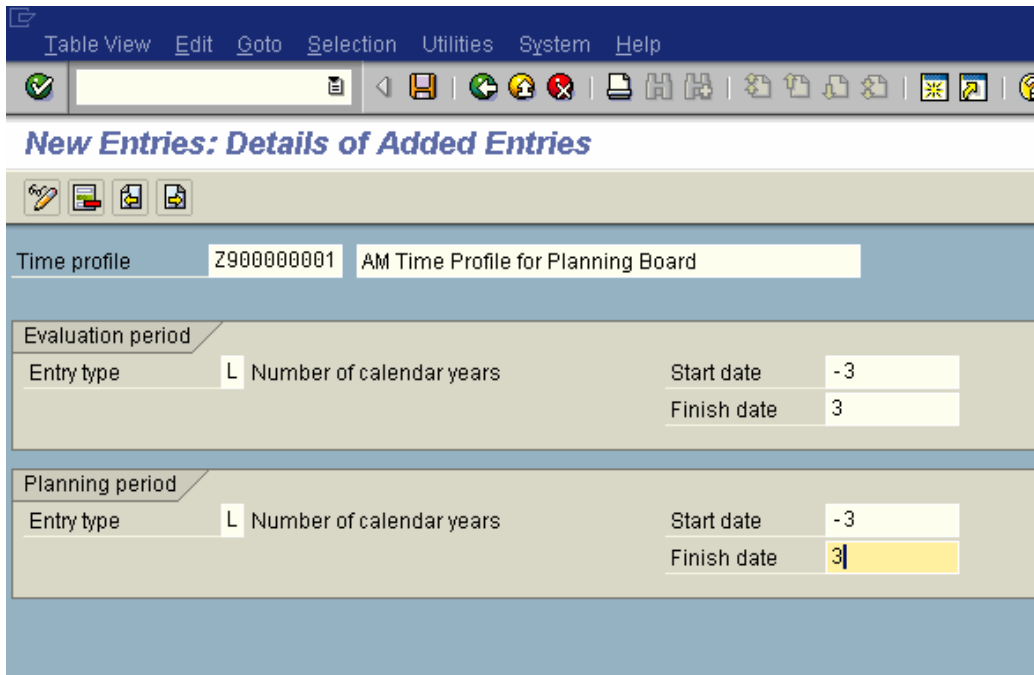
The planning period defines the time frame for carrying out current planning in the project planning board. The planning period can be smaller or the same as the evaluation period. The planning period is always in reference to the project start date.

If the start date is later than the current date, the planning period begins with the start date.

If the start date is earlier than the current date, the planning period begins with the current date.

Click on 

Update the following:-



New Entries: Details of Added Entries

Time profile: Z900000001 AM Time Profile for Planning Board

Evaluation period

Entry type	L Number of calendar years	Start date	-3
		Finish date	3

Planning period

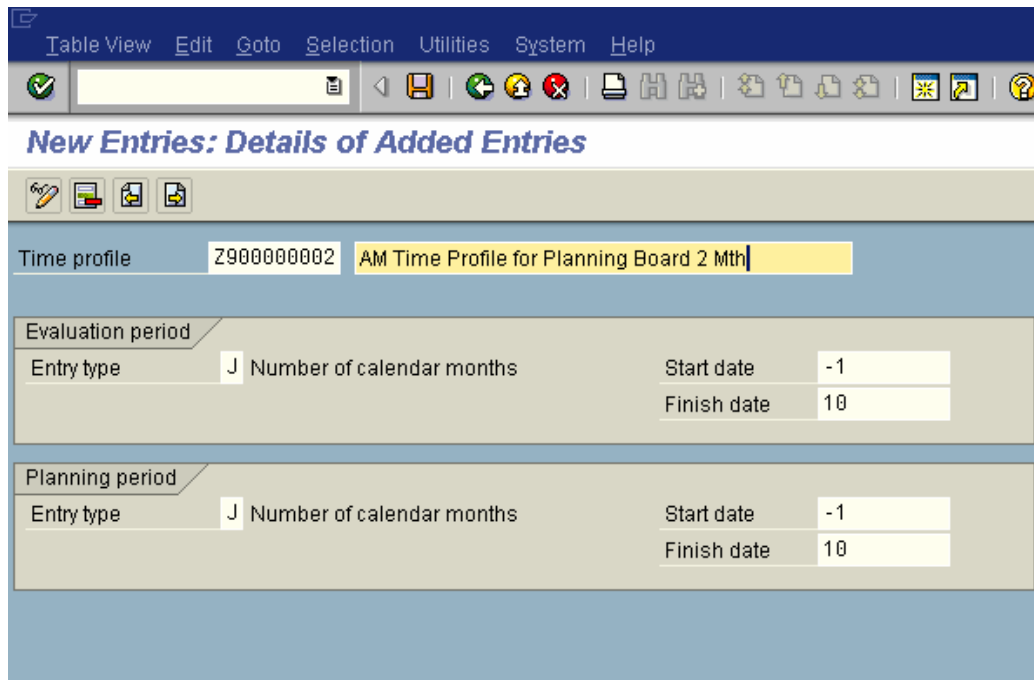
Entry type	L Number of calendar years	Start date	-3
		Finish date	3

Click on 

Click 

Click on 

Update the following:-




New Entries: Details of Added Entries

Time profile: Z900000002 AM Time Profile for Planning Board 2 Mth

Evaluation period	
Entry type	J
Number of calendar months	
Start date	-1
Finish date	10

Planning period	
Entry type	J
Number of calendar months	
Start date	-1
Finish date	10

Click on 

1.4.2 Define profiles for time scales (Optional)

IMG → Project System → Structures → Project Planning Board → Define profiles for time scales

Here you define the time scale profile. A time scale profile describes the properties of all possible scales using headings for the time axis (day scale, week scale etc.).

The time fence is derived from the possible scales.

Depending on the current scale the time scale is generated from one or more scales.

There are scales with the following headings:

- Yearly split
- Quarterly split
- Monthly split
- Weekly split

- Daily split
- Hourly split
- Minute split
- Shift split

We will work with the standard time scale profile SAPPS_Z001 - PS: Standard

We will check the configuration settings for the profile

Table View Edit Goto Selection Utilities System Help

Change View "Customizing Time Scale Profile": Details

New Entries

Time scale prof SAPPSS_Z001 PS: Standard

Mode

Time grid mode

Yearly period split

Min. width year	1.00	Max. width year	100.00	ColTypYear	S1
				Form typ.Y	SK
Strt time fence		TGSpacing year	1	CCat YTGrd	62

Quarterly period split

Min. width quart	1.00	Max. width quart	100.00	ColTypQuar	S2
				Form typ.Q	SK
Strt time fence		TGSpacing Quart	1	CCat QuTSc	62

Monthly period split

Min. width month	1.00	Max. width month	100.00	ColTypMon	S3
Head. type mth.	1			Fm type mo	SK
Strt time fence		TGridSpacingMon	1	CCat MonTG	62

Weekly period split

Min. width week	1.00	Max. width week	100.00	Col cat.We	S1
Head. type week	1			Form typ.W	SK
Strt time fence	1	TG spacing week	1	CCat wk.TG	62

Daily period split

Min. width day	1.00	Max. width day	100.00	ColTypDay	S2
Head. type day	1	Main div. day	1	Fm.type dy	SK
Strt time fence	00:00:00	TG spacing day	1	CCat DayTG	62

1.4.2 Define Profiles for the Project Planning Board

IMG → Project System → Structures → Project Planning Board → Define Profiles for the Project Planning Board

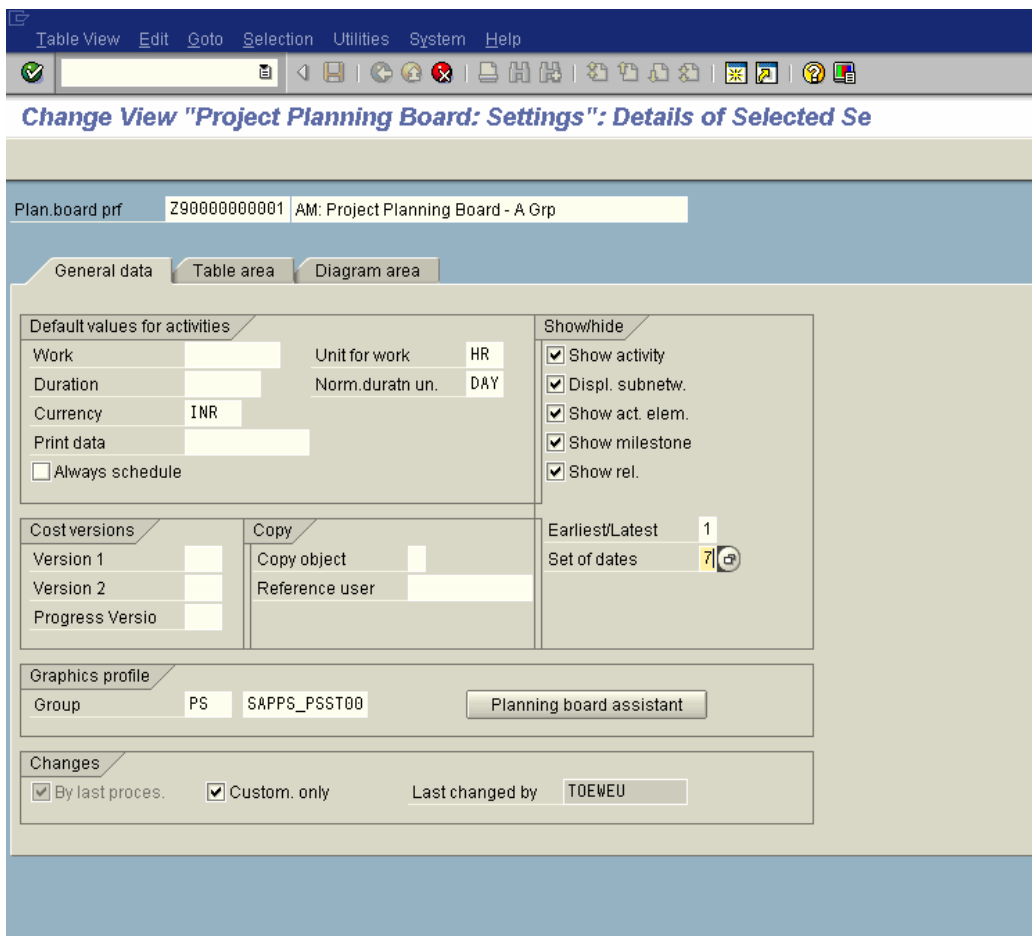
You can maintain different values in the profile of the project planning board:

- Default values
- Graphics profile
- Fields that are displayed in the table area of the project planning board
- Parameters for the time display
- Change indicator

Click  Standard profile 1 for time scheduling

Click 

Update the following:-



The screenshot shows the 'Change View "Project Planning Board: Settings": Details of Selected Se' dialog box. The 'General data' tab is active. The 'Plan.board prf' is 'Z90000000001' and the 'AM' is 'Project Planning Board - A Grp'. The 'Default values for activities' section includes fields for 'Work', 'Duration', 'Currency' (set to 'INR'), 'Print data', and a checkbox for 'Always schedule'. The 'Unit for work' is 'HR' and 'Norm.durath un.' is 'DAY'. The 'Show/hide' section has checkboxes for 'Show activity', 'Displ. subnetw.', 'Show act. elem.', 'Show milestone', and 'Show rel.', all of which are checked. The 'Cost versions' section has fields for 'Version 1', 'Version 2', and 'Progress Versio'. The 'Copy' section has fields for 'Copy object' and 'Reference user'. The 'Earliest/Latest' is '1' and 'Set of dates' is '7'. The 'Graphics profile' section has a 'Group' field set to 'PS' and 'SAPPS_PSST00', and a 'Planning board assistant' button. The 'Changes' section has checkboxes for 'By last proces.' and 'Custom. only', both checked, and a 'Last changed by' field set to 'TOEWEU'.

Default values for activities		Show/hide	
Work		<input checked="" type="checkbox"/>	Show activity
Duration		<input checked="" type="checkbox"/>	Displ. subnetw.
Currency	INR	<input checked="" type="checkbox"/>	Show act. elem.
Print data		<input checked="" type="checkbox"/>	Show milestone
<input type="checkbox"/> Always schedule		<input checked="" type="checkbox"/>	Show rel.

Cost versions		Copy		Earliest/Latest	
Version 1		Copy object		Earliest/Latest	1
Version 2		Reference user		Set of dates	7
Progress Versio					

Graphics profile		
Group	PS	SAPPS_PSST00

Changes		
<input checked="" type="checkbox"/> By last proces.	<input checked="" type="checkbox"/> Custom. only	Last changed by TOEWEU

Click on

Table area

Table View Edit Goto Selection Utilities System Help

Change View "Project Planning Board: Settings": Details of Selected Se

Plan.board prf Z90000000001 AM: Project Planning Board - A Grp

General data Table area Diagram area

Table area

Gantt chart	SAPPS_TP0001		<input checked="" type="checkbox"/> Display network
Capacities			Width of char. 250
Components	SAPPS_TP0001		Column indent
Costs/revenues	SAPPS_TP0001		Line Height
Order	SAPPS_TP0001		

Click **Diagram area**

Table View Edit Goto Selection Utilities System Help

Change View "Project Planning Board: Settings": Details of Selected Se


Plan.board prf Z90000000001 AM: Project Planning Board - A Grp

General data Table area Diagram area

Diagram area

<p>Display</p> <p><input type="checkbox"/> ShowTotal float</p> <p><input type="checkbox"/> Show fr. buffer</p> <p><input checked="" type="checkbox"/> Disp.schd.dates</p> <p>Nonwork.time</p> <p>Orig. schedule</p> <p>Critical from</p> <p>Constraint</p>	<p>Time bar labels</p> <p>Text type 1</p> <p>Text position 3</p> <p>Display of sets 1</p> <p>Left Above Right</p> <p>Below</p>
<p>Grid lines</p> <p>Time grid mode</p> <p>Horiz. lines</p>	<p>Profiles</p> <p>Time profile SAPPS_Z001 PS: Time profile for project p</p> <p>Time scale SAPPS_M001 Time axis prj.plan.tab.(m</p> <p>Time scale prof SAPPS_Z001 PS: Standard</p>

Click 

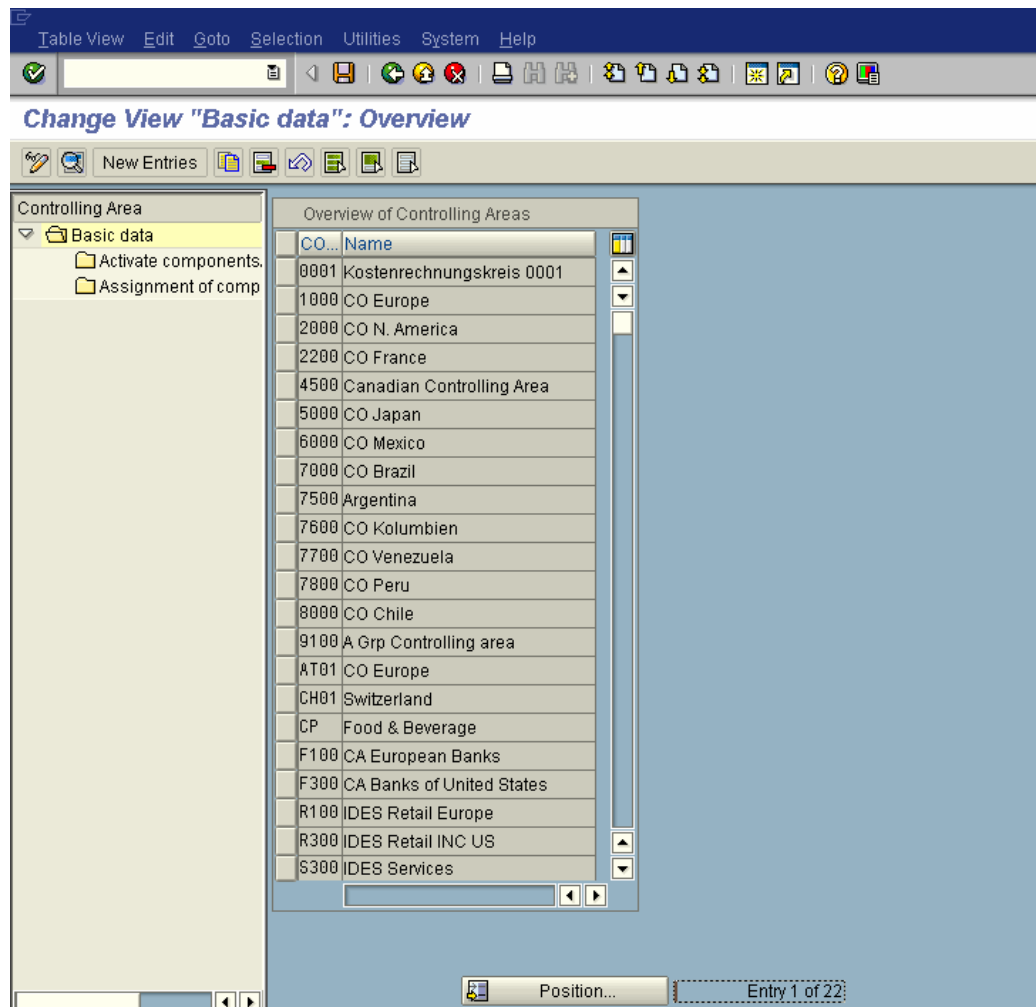
Click on 

2 Costs

2.1 Activate Project Management in Controlling Area

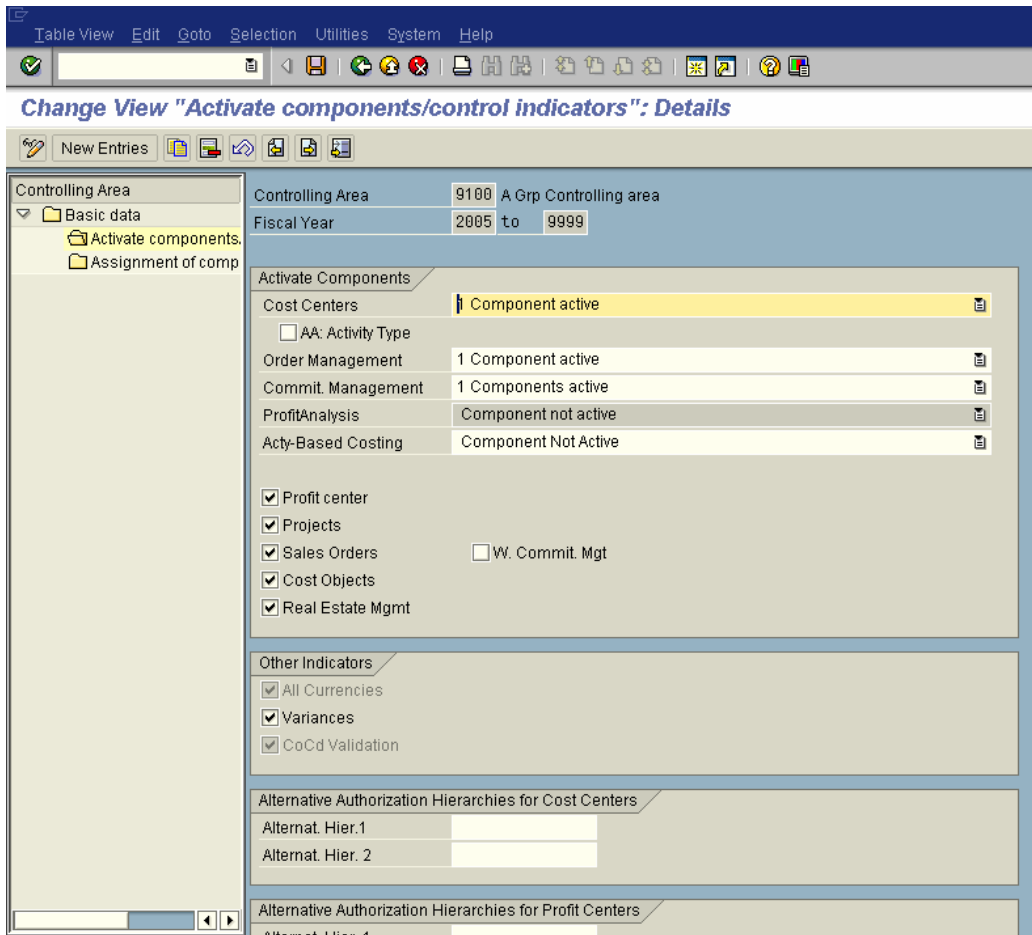
IMG → Project System → Costs → Activate Project Management in Controlling Area

Here you activate the project management in controlling area



Select  9100 A Grp Controlling area

Double click  Activate components.



The screenshot shows the SAP 'Activate components/control indicators: Details' screen. The left sidebar contains a tree view with 'Basic data' expanded, showing 'Activate components.' and 'Assignment of comp'. The main area is divided into several sections: 'Activate Components' with a table of components, 'Other Indicators' with checkboxes, and 'Alternative Authorization Hierarchies' for both Cost Centers and Profit Centers. The 'Projects' checkbox is highlighted.


Activate Components	
Cost Centers	Component active
AA: Activity Type	
Order Management	1 Component active
Commit. Management	1 Components active
ProfitAnalysis	Component not active
Acty-Based Costing	Component Not Active

☒ Profit center
☒ Projects
☒ Sales Orders ☐ W. Commit. Mgt
☒ Cost Objects
☒ Real Estate Mgmt

Other Indicators
☒ All Currencies
☒ Variances
☒ CoCd Validation

Alternative Authorization Hierarchies for Cost Centers
Alternat. Hier.1
Alternat. Hier. 2

Alternative Authorization Hierarchies for Profit Centers
Alternat. Hier. 1

The check box should be selected  Projects to activate

Click on 

2.2 *Maintain Value Categories*

IMG → Project System → Costs → Value Categories → Maintain Value Categories

Here you define value categories.

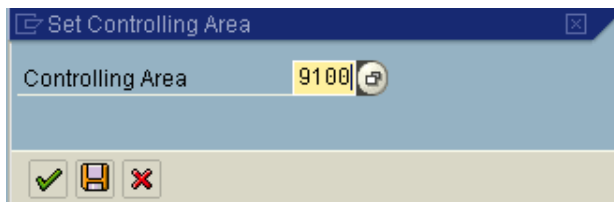
Value categories are intervals of:

- **Cost elements**
- **Commitment items**
- **Statistical key figures**

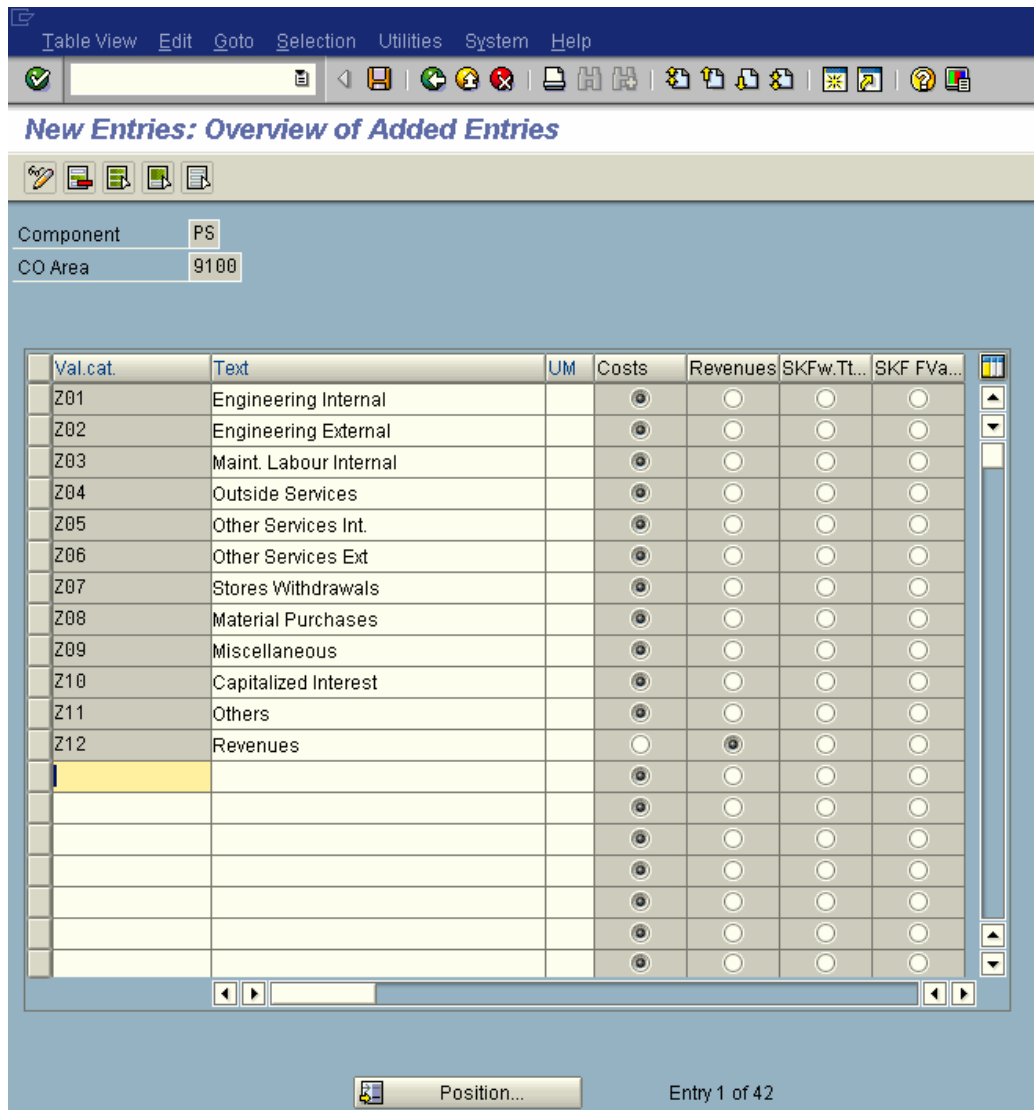
These are required for:

- Updating the project information database
- Defining structure reports for costs, revenues, and payments
- Updating quantities in the project info database RPSQT

Update the following:-



Click on 




New Entries: Overview of Added Entries

Component: PS
CO Area: 9100

Val.cat.	Text	UM	Costs	Revenues	SKFw.Tt...	SKF FVa...
Z01	Engineering Internal		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z02	Engineering External		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z03	Maint. Labour Internal		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z04	Outside Services		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z05	Other Services Int.		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z06	Other Services Ext		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z07	Stores Withdrawals		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z08	Material Purchases		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z09	Miscellaneous		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z10	Capitalized Interest		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z11	Others		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Z12	Revenues		<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

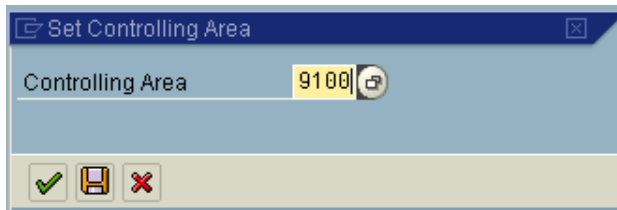
Position... Entry 1 of 42

Click on 

2.3 Assign Cost Elements to Value Categories

IMG → Project System → Costs → Value Categories → Assign Cost Elements to Value Categories

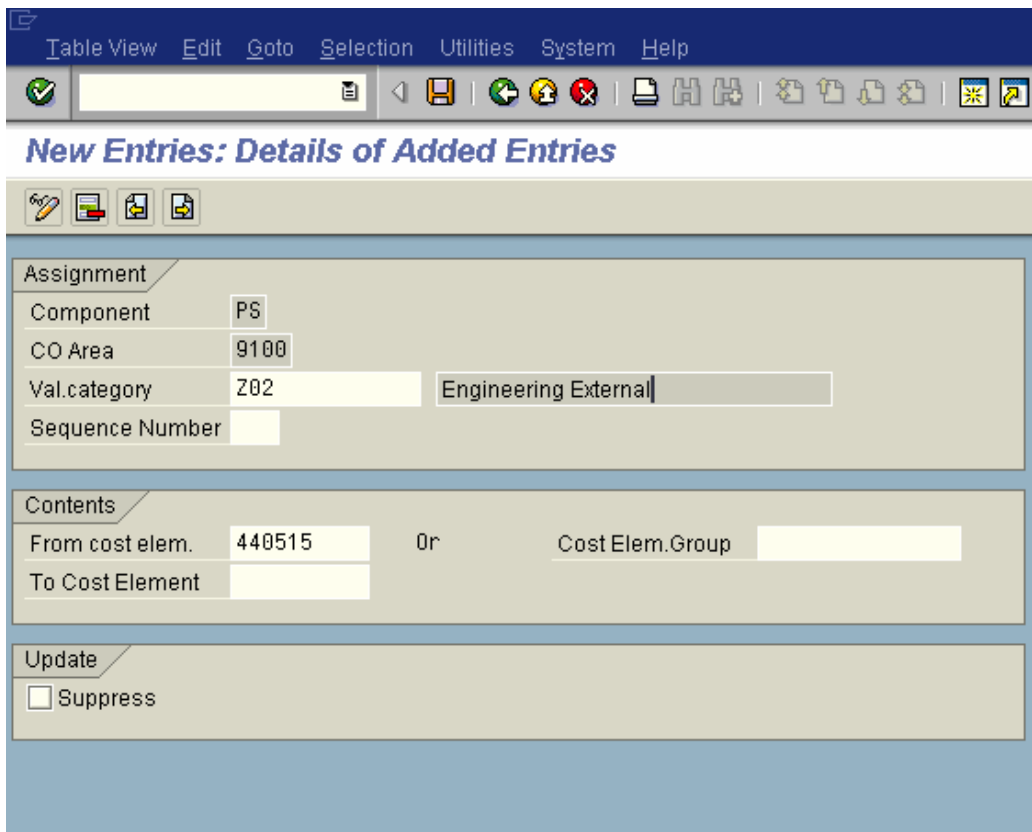
Update the following:-



A small dialog box titled "Set Controlling Area". It has a text field labeled "Controlling Area" containing the value "9100". Below the text field are three buttons: a green checkmark, a floppy disk icon, and a red X icon.

Click on 

Update the following:-



A screenshot of the SAP "New Entries: Details of Added Entries" screen. The screen has a menu bar with "Table View", "Edit", "Goto", "Selection", "Utilities", "System", and "Help". Below the menu bar is a toolbar with various icons. The main area is divided into three sections: "Assignment", "Contents", and "Update".

Assignment

Component	PS	
CO Area	9100	
Val.category	Z02	Engineering External
Sequence Number		

Contents

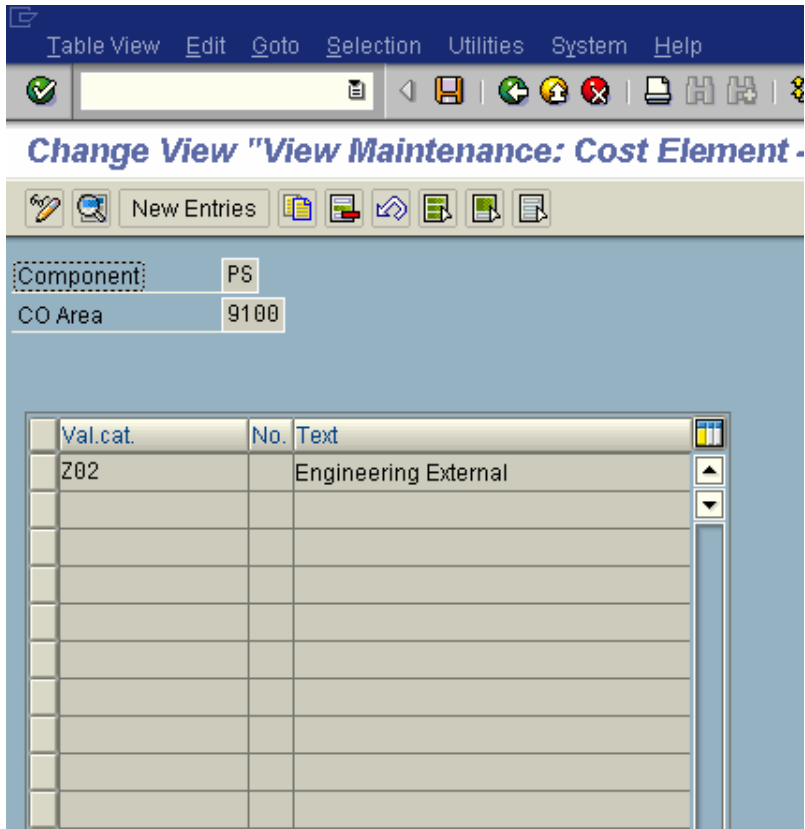
From cost elem.	440515	Or	Cost Elem.Group	
To Cost Element				

Update

☐ Suppress

Click on 

Click 



The screenshot shows the SAP 'View Maintenance: Cost Element' window. The title bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main area has a header 'Change View "View Maintenance: Cost Element -' and a sub-header 'New Entries'. Below this, there are input fields for 'Component' (PS) and 'CO Area' (9100). A table with columns 'Val.cat.', 'No.', and 'Text' is displayed. The first row contains 'Z02' and 'Engineering External'. The table has a vertical scrollbar on the right.

Val.cat.	No.	Text
Z02		Engineering External

Similarly assign other value categories to cost elements.

Click on 

Update the following:-

New Entries: Details of Added Entries

Assignment

Component: PS

CO Area: 9100

Val.category: Z03 Maint. Labour Internal

Sequence Number:

Contents

From cost elem.: 943203 Or Cost Elem.Group:

To Cost Element:

Update

☐ Suppress

Click on

Click

Similarly assign the following category to cost elements:-

Value category	Cost element	Cost element category
Z01	943204	43 (Internal activity allocn)
Z04	430004	1 (Primary cost element)
Z07	400013	1 (Primary cost element)
Z12	981000	50 (Proj related incoming order)

2.4 Create/Change Planning Profile

IMG → Project System → Costs → Planned costs → Manual Cost Planning in WBS → Hierarchical Cost Planning → Create/Change Planning Profile

This step was already configured in the Investment Management step number 4.1.4

The screenshot shows the SAP 'Change View Planning Profile: Cost and Revenue Planning for Project' dialog box. The title bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. The main window has a toolbar with icons for 'New Entries', 'Save', 'Print', 'Find', 'Copy', 'Paste', 'Undo', 'Redo', 'Zoom', and 'Help'. The 'Profile' field is set to 'Z91000' and 'Project Costs - A Grp'. The 'Manual planning' section has 'Bottom-up planning' and 'Planning elements' unchecked. The 'Time frame' section has 'Past' set to 4, 'Future' set to 6, and 'Start' set to 1. 'Total values' and 'Annual values' are checked. The 'Detailed planning and unit costing' section has 'Prim.CElem.grp' set to '91_CEALL', 'Revenue CE grp.' set to 1, 'Sender Cctr group' set to 1, 'Sender act.type grp' set to 1, 'Stat.Key Fig.Group' set to 1, and 'Costing variant' set to 'PS01'. The 'Representation' section has 'Decimal places' set to 2 and 'Scaling factor' set to 1. The 'Currency translation, overall plan value' section has 'Exchange Rate Type' set to 'P', 'Value Date' set to 1, and 'Remainder translat.' unchecked. The 'Planning Currency' section has 'Controlling area currency' unchecked, 'Object currency' selected, and 'Transaction currency' unchecked. 'Default Object Currency' is unchecked. The 'Automatic Revenue Planning' section has 'From quotation' and 'From Sales Order' unchecked, and 'RElem.f.billing plan' set to 1.

Manual planning	
<input type="checkbox"/> Bottom-up planning	
<input type="checkbox"/> Planning elements	
Time frame	
Past	4
Future	6
Start	1
<input checked="" type="checkbox"/> Total values	
<input checked="" type="checkbox"/> Annual values	

Detailed planning and unit costing	
Prim.CElem.grp	91_CEALL
Revenue CE grp.	1
Sender Cctr group	1
Sender act.type grp	1
Stat.Key Fig.Group	1
Costing variant	PS01

Representation	
Decimal places	2
Scaling factor	1

Currency translation, overall plan value	
Exchange Rate Type	P
Value Date	1
<input type="checkbox"/> Remainder translat.	

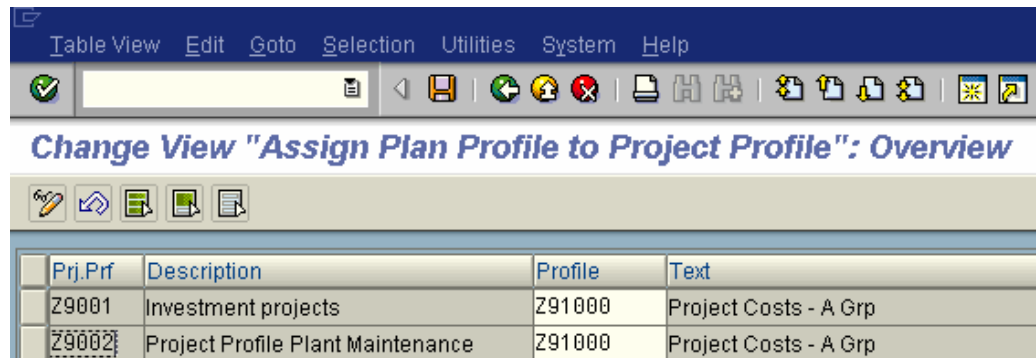
Planning Currency	
<input type="radio"/> Controlling area currency	
<input checked="" type="radio"/> Object currency	
<input type="radio"/> Transaction currency	
<input type="checkbox"/> Default Object Currency	

Automatic Revenue Planning	
<input type="checkbox"/> From quotation	
<input type="checkbox"/> From Sales Order	
RElem.f.billing plan	1

2.5 Assign Plan Profile to Project Profile

IMG → Project System → Costs → Planned costs → Automatic Costing in Networks/Activities → Costing → Define Costing Variants

Update the following:-



The screenshot shows the SAP 'Assign Plan Profile to Project Profile' overview table. The table has four columns: Prj.Prf, Description, Profile, and Text. The first row shows 'Z9001' for 'Investment projects' with profile 'Z91000' and text 'Project Costs - A Grp'. The second row shows 'Z9002' for 'Project Profile Plant Maintenance' with profile 'Z91000' and text 'Project Costs - A Grp'. The 'Z9002' cell is selected with a dashed border. Above the table is a toolbar with icons for edit, save, and other functions. The window title is 'Change View "Assign Plan Profile to Project Profile": Overview'.

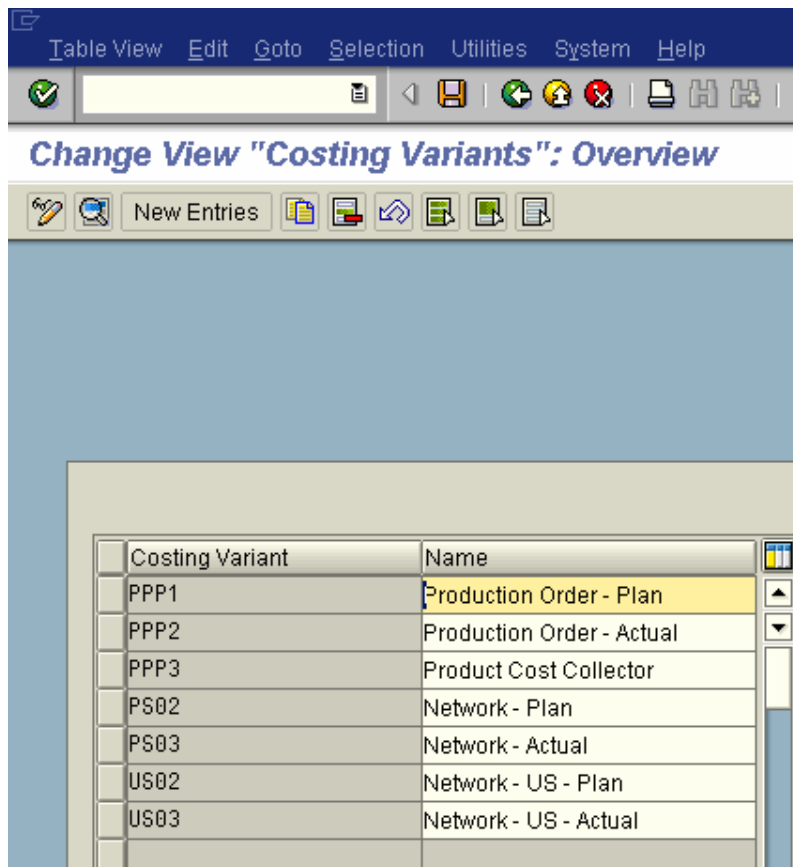
Prj.Prf	Description	Profile	Text
Z9001	Investment projects	Z91000	Project Costs - A Grp
Z9002	Project Profile Plant Maintenance	Z91000	Project Costs - A Grp

Click on 

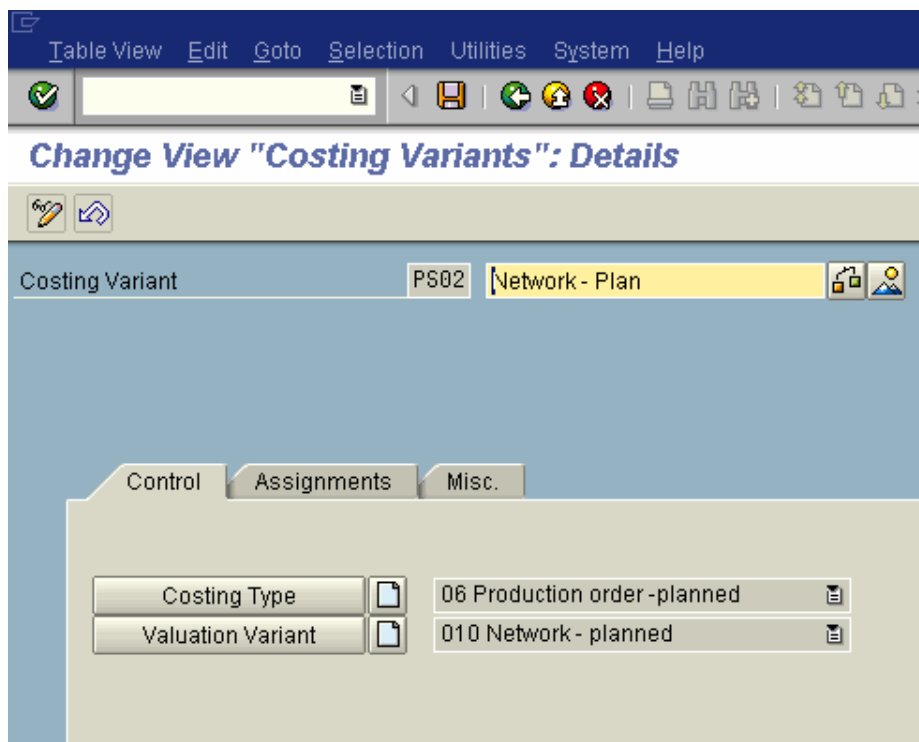
2.6 Define Costing Variants

IMG → Project System → Costs → Planned costs → Automatic Costing in Networks/Activities → Costing → Define Costing Variants

Let us see the configuration of Standard SAP costing variant PS02



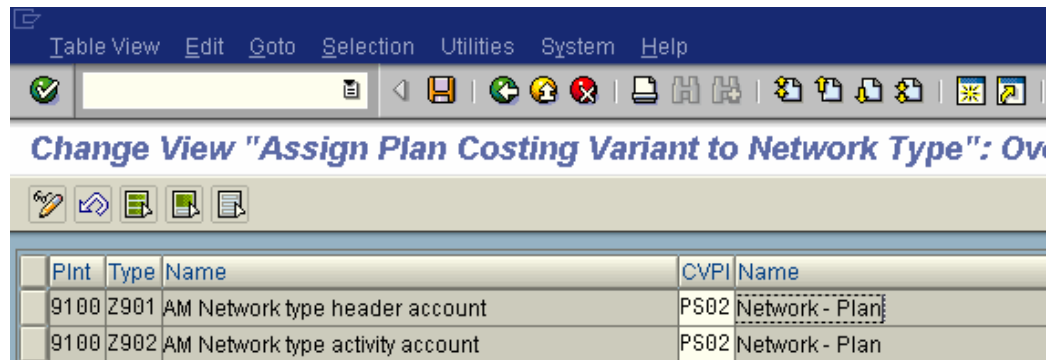
Double click PS02 Network - Plan



2.7 Maintain plan costing variants for network types

IMG → Project System → Costs → Planned costs → Automatic Costing in Networks/Activities → Costing → Maintain plan costing variants for network types

Here you maintain the default plan costing variant for your network type.



The screenshot shows the SAP IMG configuration screen for 'Assign Plan Costing Variant to Network Type'. The title bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main content area displays a table with the following data:

Plnt	Type	Name	CVPl	Name
9100	Z901	AM Network type header account	PS02	Network - Plan
9100	Z902	AM Network type activity account	PS02	Network - Plan

Click on 

2.8 Maintain Budget Profiles

IMG → Project System → Costs → Budget → Maintain Budget Profiles

This step was already configured in Investment Management configuration step 4.1.5

Table View Edit Goto Selection Utilities System Help

Change View "Budget Profile for Projects": Details

New Entries

Profile Z901

Text PS Budget Profile

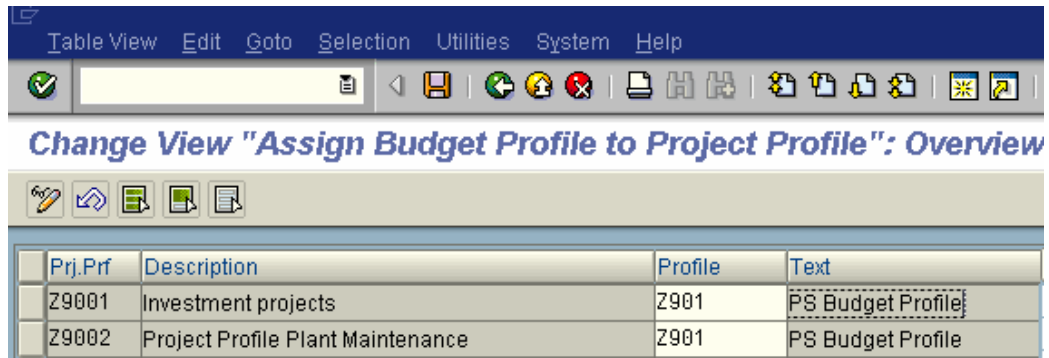
Time frame Past 3 Future 6 Start <input checked="" type="checkbox"/> Total values <input checked="" type="checkbox"/> Annual values	Investment management Program type budget Z910
Representation Decimal places 2 Scaling factor	Availability control Activation Type 2 Usage 95.00 <input checked="" type="checkbox"/> Overall <input type="checkbox"/> Object Currency <input type="checkbox"/> Releases
Currency translation Exchange Rate Type P Value Date <input type="checkbox"/> Remainder transl.	Budgeting Currency <input type="radio"/> Controlling area currency <input checked="" type="radio"/> Object currency <input type="radio"/> Transaction curr. <input type="checkbox"/> Default Object Currency

2.9 Stipulate Default Budget Profile for Project Definition


IMG → Project System → Costs → Budget → Stipulate Default Budget Profile for Project Definition

Here you assign the budget profile to the project definition.

Update the following:-



Prj.Prf	Description	Profile	Text
Z9001	Investment projects	Z901	PS Budget Profile
Z9002	Project Profile Plant Maintenance	Z901	PS Budget Profile

Click on 

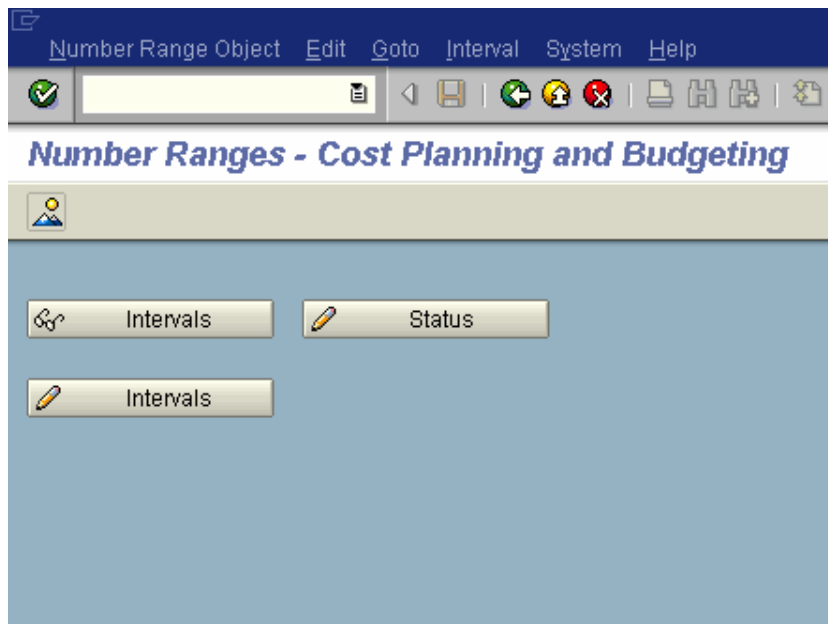
2.10 Create Number Ranges for Budgeting


IMG → Project System → Costs → Budget → Create Number Ranges for Budgeting

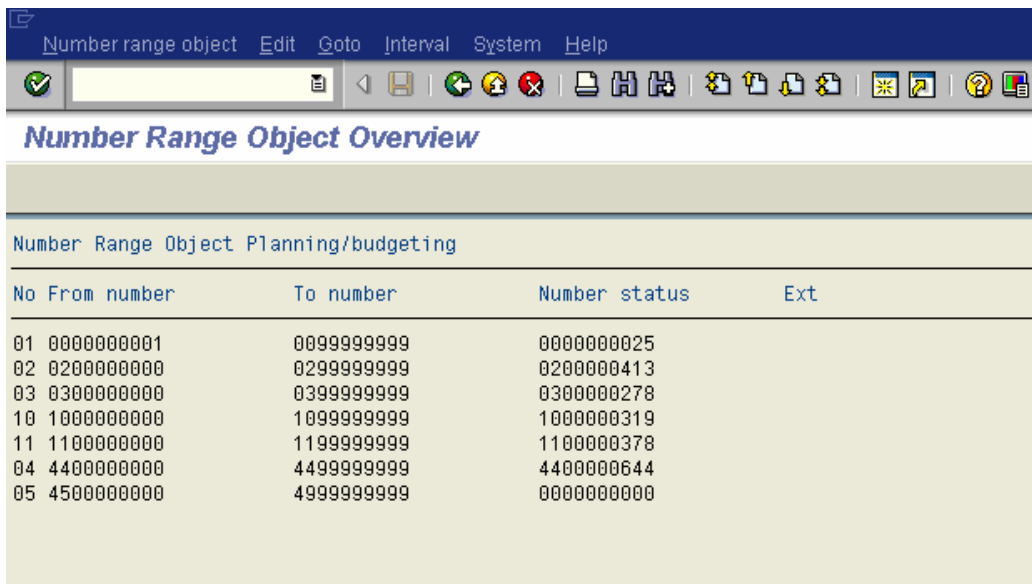
The following number ranges are defined in the standard system:

- ✓ 01 Project budget
- ✓ 02 Project plan
- ✓ 03 Order plan
- ✓ 04 Order budget

We will work with the standard number ranges.



Click  to display the number range



No	From number	To number	Number status	Ext
01	0000000001	0099999999	0000000025	
02	0200000000	0299999999	0200000413	
03	0300000000	0399999999	0300000278	
10	1000000000	1099999999	1000000319	
11	1100000000	1199999999	1100000378	
04	4400000000	4499999999	4400000644	
05	4500000000	4999999999	0000000000	

2.11 Define Tolerance Limits

IMG → Project System → Costs → Budget → Define Tolerance Limits

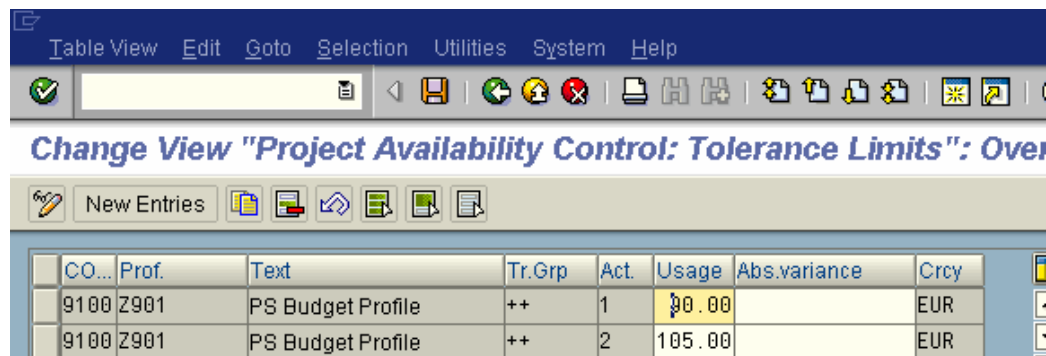
Here you enter the tolerance limits for availability control.

Availability control can identify budget overruns in a project at an early stage and initiates various actions.

You activate availability control for your budget profile. You can specify one or more tolerance limits for each activity group for a budget profile.

This step was already configured in the Investment Management step 4.1.6

We will see the configuration done.



Change View "Project Availability Control: Tolerance Limits": Overview

CO...	Prof.	Text	Tr.Grp	Act.	Usage	Abs.variance	Crcy
9100	Z901	PS Budget Profile	++	1	0.00		EUR
9100	Z901	PS Budget Profile	++	2	105.00		EUR

2.12 Define default cost elements for down payments

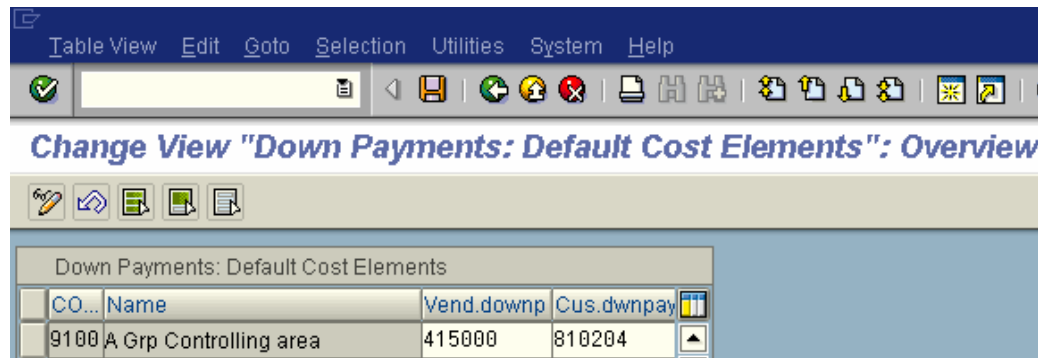
IMG → Project System → Costs → Actual Costs and Forecast → Update Down Payments → Define default cost elements for down payments


Here you define the cost/revenue elements, under which down payments are updated as expenses in CO.

For down payments referring to a purchase order, SAP system uses the purchase order cost element. If there is no reference, in this case, you need to define one cost element (category 01 = primary cost elements general) for credit-side down payments in each controlling area, or one revenue element (category 11 = revenue elements) for debit-side down payments.

When you assign down payment or purchase order costs, SAP System updates the account assignment objects cost center, order, make-to-order production order, WBS element, and network.

Update the following:-



Click on 

2.12 Create Allocation Structure

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Settlement Profile → Create Allocation Structure

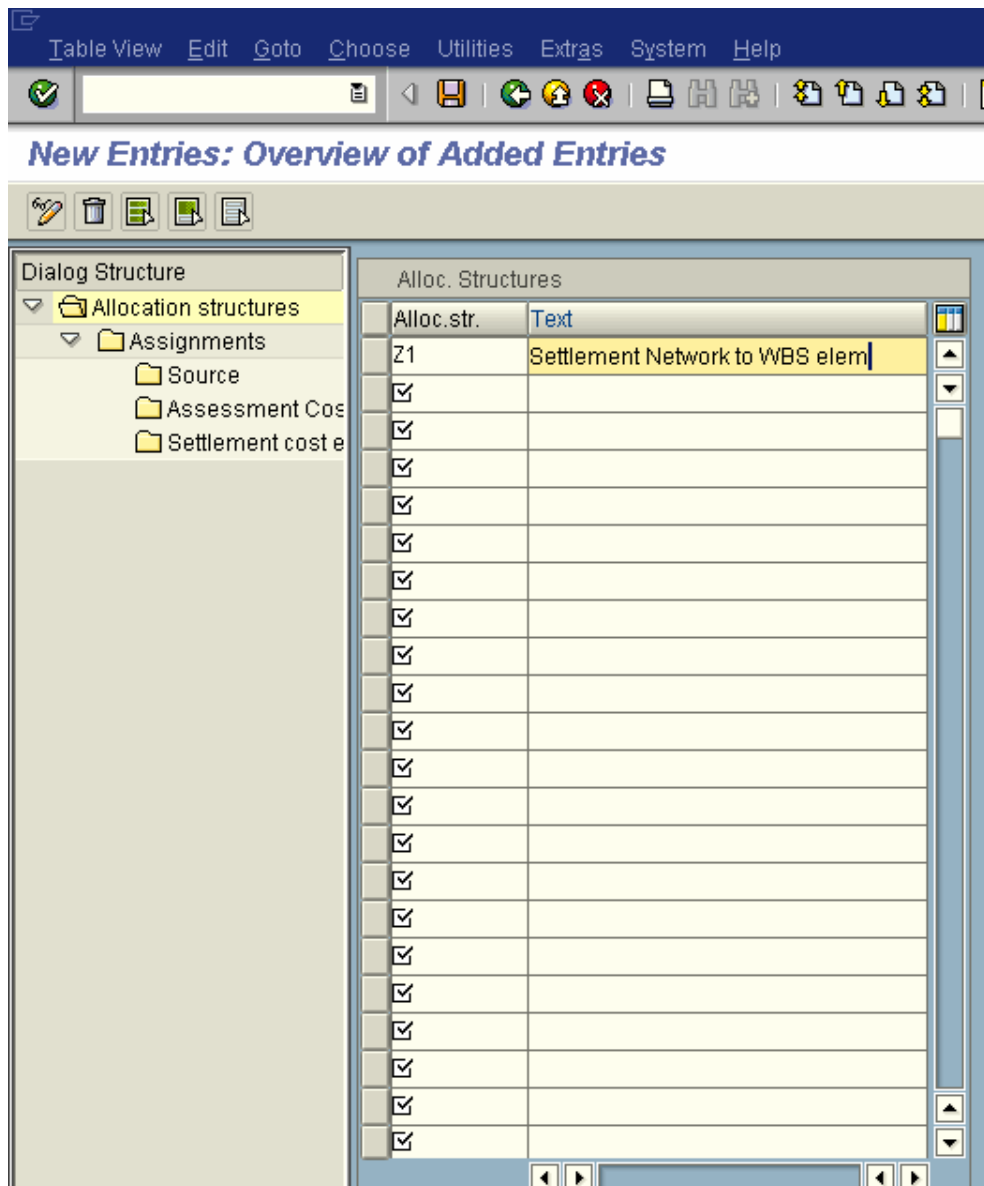
In Allocation structure you define the target cost element.

Here 2 options are available:-

- 1) Using the original source cost element
- 2) Using the settlement cost element


Click on 

Update the following:-



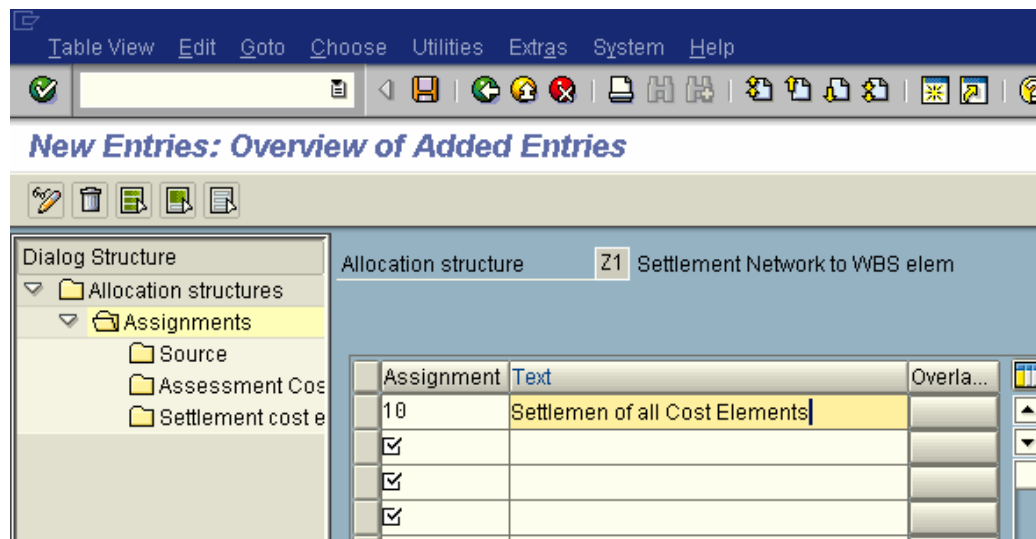
Click 

Select  Settlement Network to WBS elem

Double click  Assignments

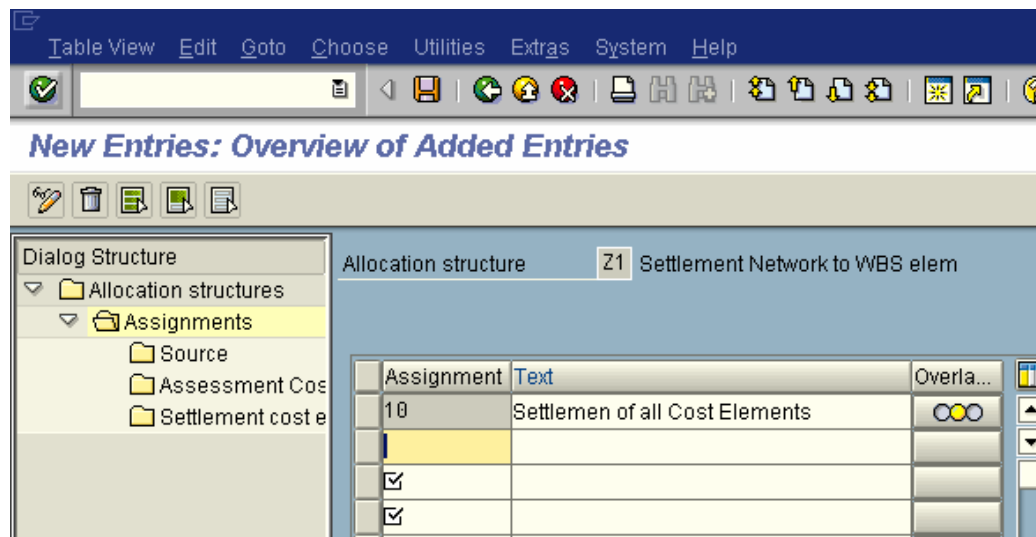
Click on 


Update the following:-




Click 

Update the following:-

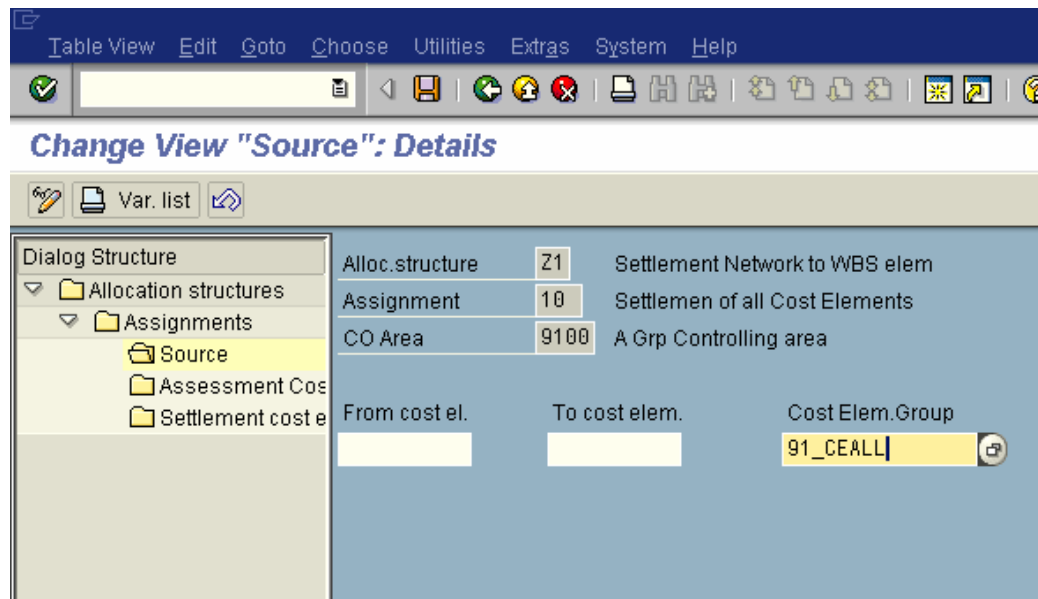


Select 

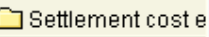
Assignment	Text	Overla...
10	Settlement of all Cost Elements	

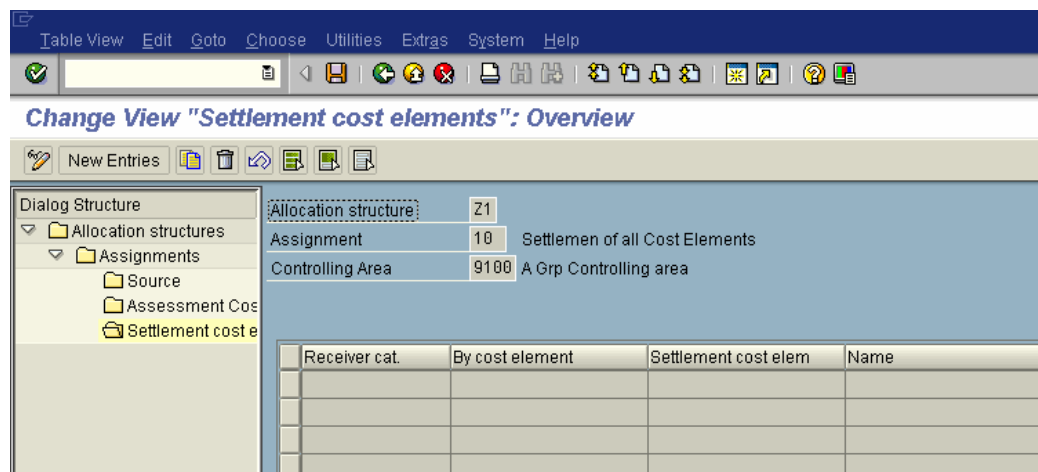
Double click 

Update the following:-



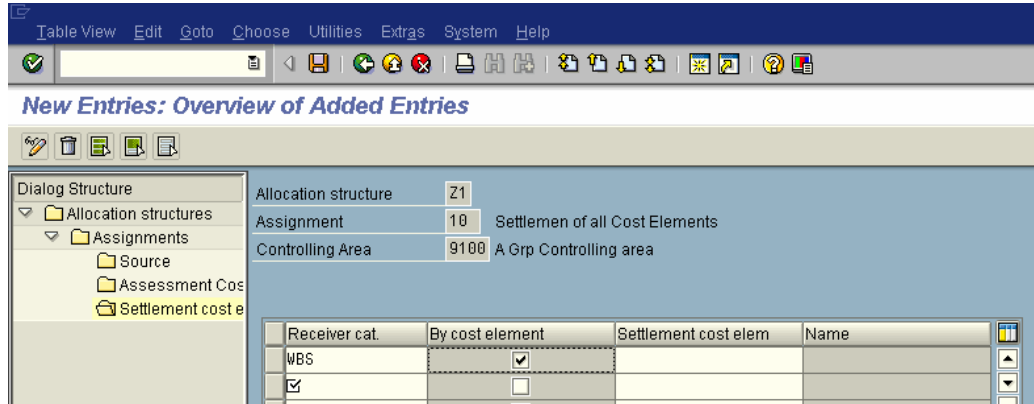
The above cost element group contains all the cost elements (primary as well as secondary cost elements)

Double click 



Click on 

Update the following:-



New Entries: Overview of Added Entries

Allocation structure: Z1
Assignment: 10 Settlement of all Cost Elements
Controlling Area: 9100 A Grp Controlling area

Receiver cat.	By cost element	Settlement cost elem	Name
WBS	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Click on 

2.13 Create Settlement Profile

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Create Settlement Profile

Here you create a settlement profile for settling costs from networks to the WBS elements.

The settlement profile contains a range of control parameters for settlement. Assign the allocation structure Z1 to the settlement profile.

Click on 

Update the following:-

New Entries: Details of Added Entries

Settlement profile: ZNWBS9 AM - Network to WBS

Actual Costs/Cost of Sales		Valid Receivers	
<input checked="" type="radio"/> To Be Settled in Full		G/L account	Settlement Not Allowed
<input type="radio"/> Can Be Settled		Cost center	Settlement Not Allowed
<input type="radio"/> Not for Settlement		Order	Settlement Not Allowed
		WBS element	1 Settlement Optional
		Fixed asset	Settlement Not Allowed
		Material	Settlement Not Allowed
		Network	Settlement Not Allowed
		Profit. Segment	Settlement Not Allowed
		Sales order	Settlement Not Allowed
		Cost objects	Settlement Not Allowed
		Order Item	Settlement Not Allowed
		Business proc.	Settlement Not Allowed
		Real Est. Object	Settlement Not Allowed

Default Values		Other Parameters	
Allocation structure	Z1	Document type	
Source structure		Max.no.dist.rls	999
PA transfer str.		Residence time	3 Months
Default object type	WBS		

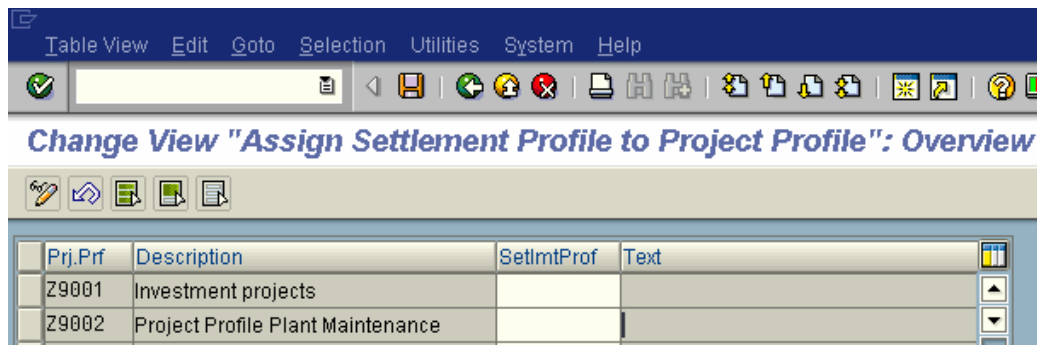
Indicators	
<input checked="" type="checkbox"/> 100%-validation	
<input checked="" type="checkbox"/> %-Settlement	
<input checked="" type="checkbox"/> Equivalence numbers	
<input type="checkbox"/> Amount settlement	
<input type="checkbox"/> Variances to Costing-Based PA	

Click on

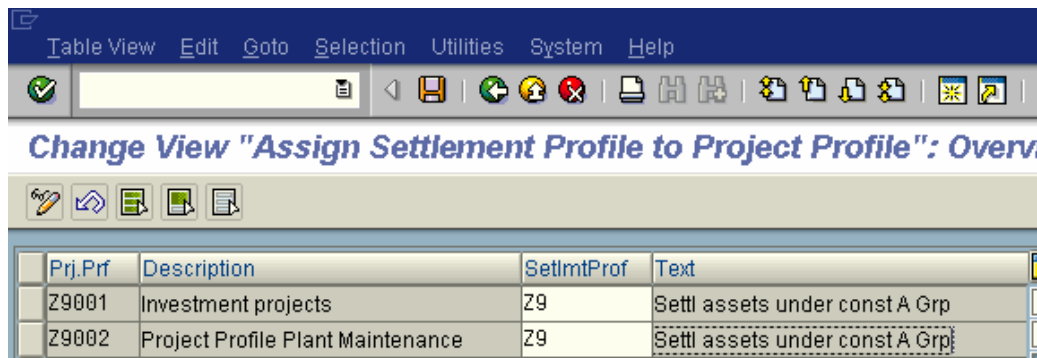
2.14 Specify Default Settlement Profile for Project Definition

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Create Settlement Profile

Here you assign the settlement profile **Z9** created in the Investment management material to the project definition.



Update the following:-



Click on 

2.15 Define Strategies for Determining Settlement Rules

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Define Settlement Rule for Network → Define Strategies for Determining Settlement Rules

Here you define a strategy to determine the settlement rule in the network. You must define the strategy for the settlement rule in the parameters for the network type.

You enter the sequence in which the settlement rule is determined for each strategy:

- Copy the settlement rule from the WBS element
- Copy the settlement rule from the project definition
- Generate a settlement rule to the WBS element

- Generate a settlement rule by default (predefined by the system)
- Maintain a settlement rule manually

The SAP standard strategies for settlement rule are given below

Strat	Name	Typ	Typ	Typ	Typ	Typ
01	As WBS element/project definition	2	1	3	4	
02	to WBS element	2	1			
03	Default rule	1				
04	Manual settlement rule					
05	No settlement rule	5				

Take a drop down in the field Typ

Typ	Typ	Short text
		Manual maintenance of settlement rule
1		Automatic generation of settlement rule
2		Generate settlement to WBS element
3		Copy settlement rule of the WBS element
4		Copy settlement rule of the project definition
5		No settlement rule

We have assigned the strategy 03 in the parameters for network type Z901 and Z902 in the earlier step which can be seen below

Table View Edit Goto Selection Utilities System Help

Change View "Network type parameters: Overview": Details

New Entries

Plant 9100 Pune factory - A Ltd
Network Type Z901 AM Network type header account

Network type parameters

Strategy	03	Default rule	<input type="checkbox"/> Wrklw PO chg.
Default Rule	PS1	Networks.to sales ord./WBS el.	<input checked="" type="checkbox"/> ActvtyAcctAsgn.
Red. strategy			<input type="checkbox"/> Net order price
CstgVariantPlan	PS02	Network - Plan	<input type="checkbox"/> CollectveRequestn
CstgVariantActl	PS03	Network - Actual	
Plan Cost Calc.	2 Determine plan costs		

Status change documents

☒ Change document

Documents

- ☒ OrdStatChangeDc
- ☒ OpStatChangeDoc
- ☒ MatStatChngeDoc
- ☒ PRTStatChangeDc

We have assigned 03 default rule which has automatic generation of settlement rules.

2.16 Assign Strategies and Default Rules to Network Types

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Define Settlement Rule for Network → Assign strategies and default rules to network types

Here you assign a strategy and a default rule to the network type. The assignment regulates control of the settlement rule for activities created later in the network.

PS1 is SAP standard default rule for network to WBS elements settlement.

Plnt	Type	Name	DfR	Text	Strat	Name
9100	Z901	AM Network type header ac...	PS1	Networks:to sales ord./...	03	Default rule
9100	Z902	AM Network type activity acc...	PS1	Networks:to sales ord./...	03	Default rule

2.17 Specify Default Settlement Profiles for Networks

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Define Settlement Rule for Network → Specify Default Settlement Profiles for Networks

We assign the settlement profile ZNWBS9 created by us earlier to the network type Z901 and Z902.

Type	Name	Sett.Prof.	Text
Z901	AM Network type header account		
Z902	AM Network type activity account		

Update the following:-

Type	Name	Sett.Prof.	Text
Z901	AM Network type header account	ZNWBS9	AM - Network to WBS
Z902	AM Network type activity account	ZNWBS9	AM - Network to WBS

Click on

2.18 Determine Strategy for Settlement Rule

IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Settlement Rule for Work Breakdown Structure Element → Determine Strategy for Settlement Rule

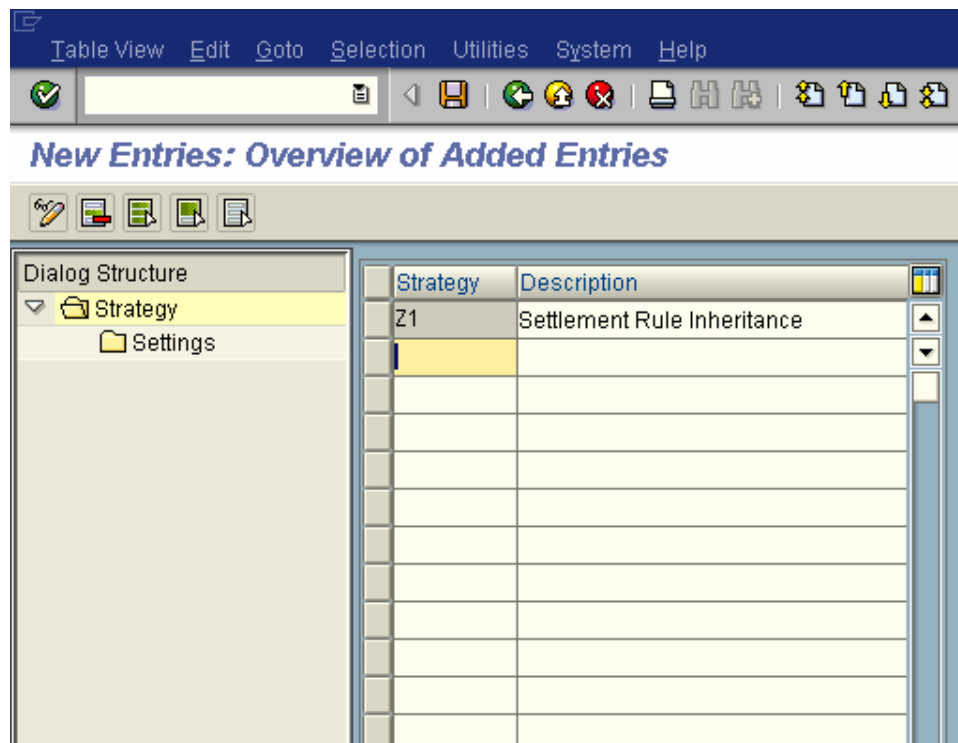
Here you define the strategy for automatic generation of settlement rules.

The strategy is used to determine:

To which objects the settings apply:

- Billing element
- Account assignment element
- Neither

Click on [New Entries](#)

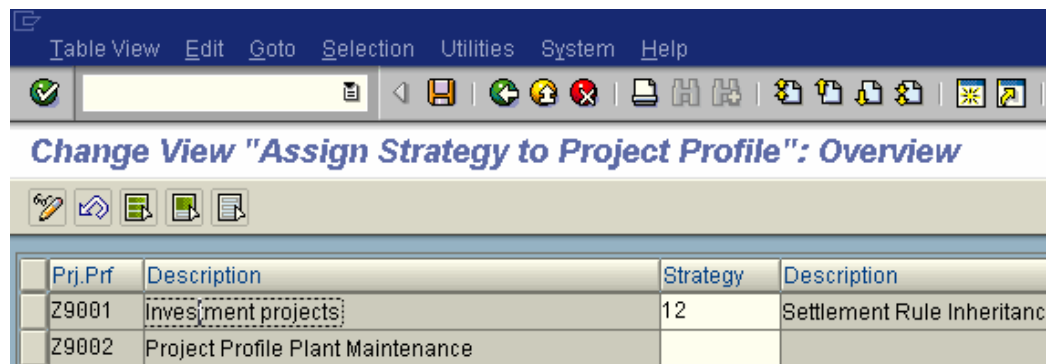


Double click  Settings

2.19 Assign Strategy to Project Profile

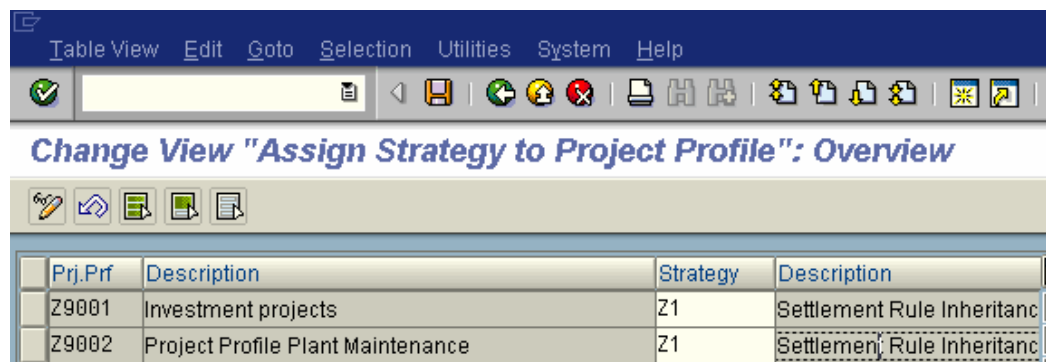
IMG → Project System → Costs → Automatic and Periodic Allocations → Settlement → Settlement Rule for Work Breakdown Structure Element → Assign Strategy to Project Profile

Here you assign the strategy Z1 to our project profile.



Prj.Prf	Description	Strategy	Description
Z9001	Investment projects	12	Settlement Rule Inheritance
Z9002	Project Profile Plant Maintenance		

Update the following:-



Prj.Prf	Description	Strategy	Description
Z9001	Investment projects	Z1	Settlement Rule Inheritance
Z9002	Project Profile Plant Maintenance	Z1	Settlement Rule Inheritance

Click on 

3 Dates

3.1 Define Parameters for WBS Scheduling

IMG → Project System → Dates → Date Planning in WBS → Define Parameters for WBS Scheduling

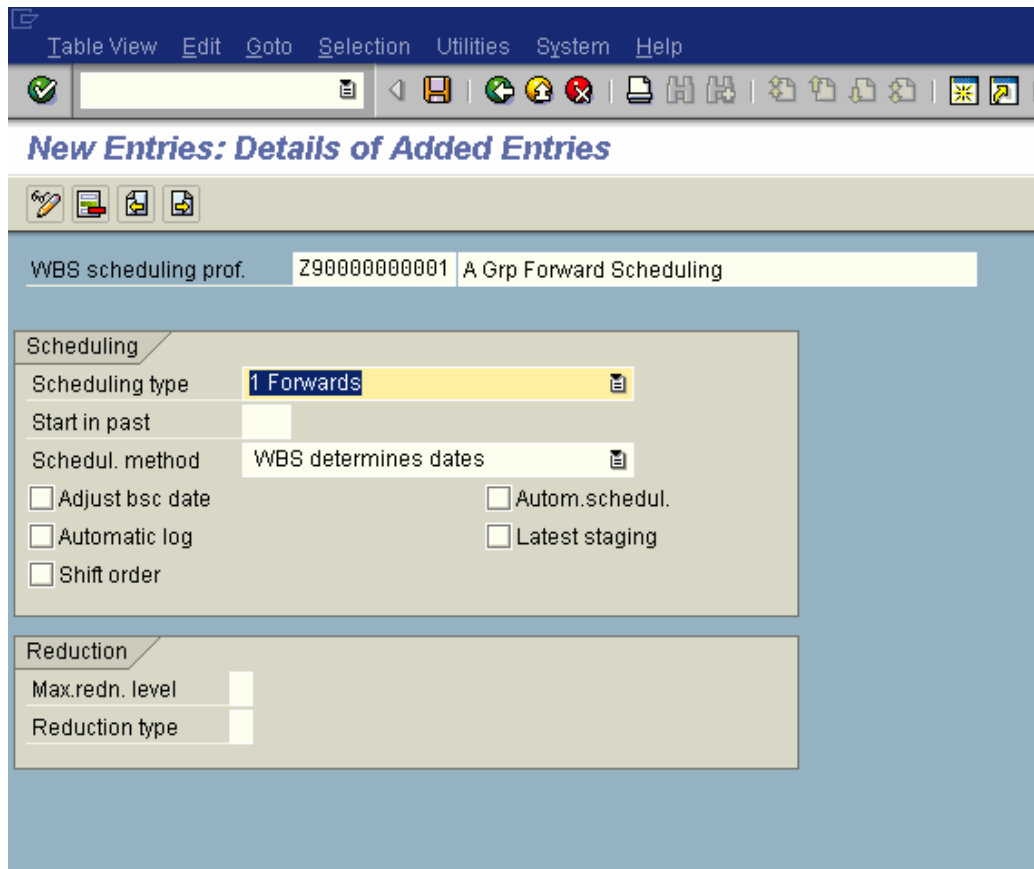
The profile for WBS scheduling, for example, contains the following control parameters:

- ✓ whether the dates are to be recalculated automatically when saving
- ✓ whether the error log is displayed automatically if errors were determined during scheduling
- ✓ the number of days the start may be in the past
- ✓ whether basic dates are to be adapted if the earliest or latest dates of the network change
- ✓ maximum reduction level for reduction

The profile for WBS scheduling is stored in the project profile.

Click on 

Update the following:-



New Entries: Details of Added Entries

WBS scheduling prof. Z900000000001 A Grp Forward Scheduling

Scheduling

Scheduling type: 1 Forwards

Start in past:

Schedul. method: WBS determines dates

☐ Adjust bsc date ☐ Autom. schedul.

☐ Automatic log ☐ Latest staging

☐ Shift order

Reduction

Max.redn. level:

Reduction type:

Click on 

4 Material

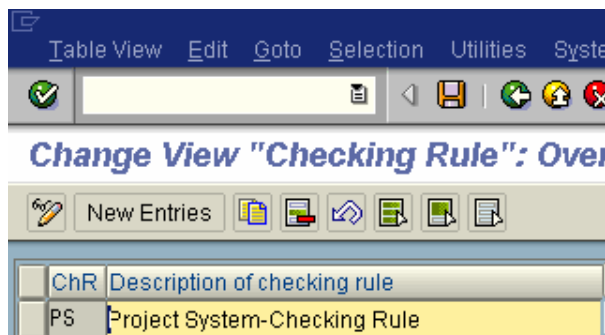
4.1 Availability check

Here we configure all the settings necessary to configure the material availability check in networks.

4.1.1 Define Checking Rules

IMG → Project System → Material → Availability Check → Define Checking Rules

There are standard checking rules available in SAP system.
The checking rule relevant for us is PS as shown below



4.1.2 Define Checking Scope

IMG → Project System → Material → Availability Check → Define Checking Scope

Checking group and checking rule determine the checking scope.

You can specify:

- which elements relevant to MRP (goods receipts/goods issues) are taken into account (for example purchase requisition, purchase order)

- which stock categories are taken into account
- whether replenishment lead time is checked

Checking rule PS is maintained for :-

01 Daily requirement

02 Individual requirement

CH Batches

01	Daily requirements	PS	Project System-Checking Rule
----	--------------------	----	------------------------------

Table View Edit Goto Selection Utilities System Help

Change View "Availability Check Control": Details

New Entries

Availability check 01 Daily requirements
Checking rule PS Project System-Checking Rule

Stocks <input checked="" type="checkbox"/> Include safety stock <input checked="" type="checkbox"/> StockInTransfer <input checked="" type="checkbox"/> Incl.quality insp. stock <input type="checkbox"/> Incl. blocked stock <input type="checkbox"/> Incl. restricted-use stock <input type="checkbox"/> W/o subcontracting	In/outward movements <input checked="" type="checkbox"/> Incl.purchase orders <input checked="" type="checkbox"/> Incl. purch.requisitions <input checked="" type="checkbox"/> Incl. dependent reqs <input checked="" type="checkbox"/> Include reservations <input checked="" type="checkbox"/> Include sales reqmts <input checked="" type="checkbox"/> Include deliveries <input type="checkbox"/> Incl.ship.notificat. Incl.depen.reservat. <input type="checkbox"/> not check Incl.rel.order reqs <input type="checkbox"/> Do not check Incl. planned orders <input checked="" type="checkbox"/> Check all planned... Incl. production orders <input checked="" type="checkbox"/> Take all productio...
Replenishment lead time <input checked="" type="checkbox"/> Check without RLT	
Storage location inspection <input type="checkbox"/> No stor.loc. inspectn	
Missing parts processing Checking period: GR <input type="text"/>	Receipts in the past <input type="checkbox"/> Include receipts from past and future

Table View Edit Goto Selection Utilities System Help

Change View "Availability Check Control": Details

New Entries

Availability check 02 Individual reqmt
Checking rule PS Project System-Checking Rule

Stocks	In/outward movements
<input checked="" type="checkbox"/> Include safety stock	<input checked="" type="checkbox"/> Incl.purchase orders
<input checked="" type="checkbox"/> StockInTransfer	<input checked="" type="checkbox"/> Incl. purch.requisitions
<input checked="" type="checkbox"/> Incl.quality insp. stock	<input checked="" type="checkbox"/> Incl. dependent reqs
<input type="checkbox"/> Incl. blocked stock	<input checked="" type="checkbox"/> Include reservations
<input type="checkbox"/> Incl. restricted-use stock	<input checked="" type="checkbox"/> Include sales reqmts
<input type="checkbox"/> W/o subcontracting	<input checked="" type="checkbox"/> Include deliveries
	<input type="checkbox"/> Incl.ship.notificat.
Replenishment lead time	Incl.depen.reservat. <input type="checkbox"/> Do not check
<input checked="" type="checkbox"/> Check without RLT	Incl.rel.order reqs <input type="checkbox"/> Do not check
Storage location inspection	Incl. planned orders X Check all planned...
<input type="checkbox"/> No stor.loc. inspectn	Incl. production orders X Take all productio...
Missing parts processing	Receipts in the past
Checking period: GR <input type="text"/>	<input type="checkbox"/> Include receipts from past and future

Table View Edit Goto Selection Utilities System Help

Change View "Availability Check Control": Details

New Entries

Availability check CH Batches
Checking rule PS Project System-Checking Rule

Stocks <input checked="" type="checkbox"/> Include safety stock <input checked="" type="checkbox"/> StockInTransfer <input checked="" type="checkbox"/> Incl.quality insp. stock <input type="checkbox"/> Incl. blocked stock <input type="checkbox"/> Incl. restricted-use stock <input type="checkbox"/> W/o subcontracting	In/outward movements <input checked="" type="checkbox"/> Incl.purchase orders <input checked="" type="checkbox"/> Incl. purch.requisitions <input checked="" type="checkbox"/> Incl. dependent reqs <input checked="" type="checkbox"/> Include reservations <input checked="" type="checkbox"/> Include sales reqmts <input checked="" type="checkbox"/> Include deliveries <input type="checkbox"/> Incl.ship.notificat. Incl.depen.reservat. <input type="checkbox"/> not check Incl.rel.order reqs <input type="checkbox"/> Do not check Incl. planned orders <input checked="" type="checkbox"/> Check all planned... Incl. production orders <input checked="" type="checkbox"/> Take all productio...
Replenishment lead time <input checked="" type="checkbox"/> Check without RLT	
Storage location inspection <input type="checkbox"/> No stor.loc. inspectn	
Missing parts processing Checking period: GR	Receipts in the past <input type="checkbox"/> Include receipts from past and future

4.1.2 Define Checking Control

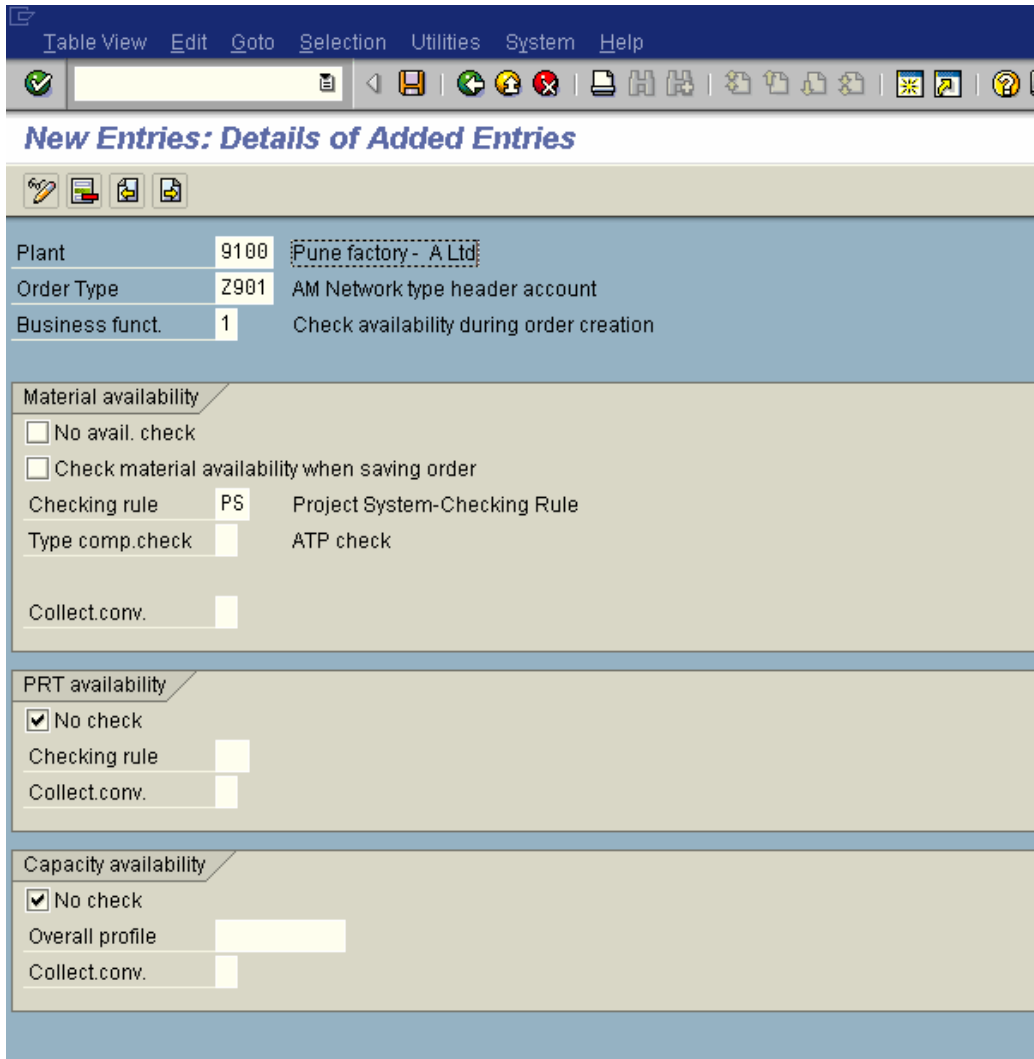
IMG → Project System → Material → Availability Check → Define Checking Control

Here you define the control for the availability check of materials, production resources/tools and capacities.

Which check rule is to be used and whether a check is to be carried out, is specified depending on plant and network type and the business transaction, for example, whether the check is to take place when creating or releasing a network.

Click on 

Update the following:-




The screenshot shows the 'New Entries: Details of Added Entries' dialog box in SAP. The dialog has a menu bar (Table View, Edit, Goto, Selection, Utilities, System, Help) and a toolbar with various icons. The main content area is divided into several sections:

- Plant:** 9100, **Pune factory - A Ltd**
- Order Type:** Z901, **AM Network type header account**
- Business funct.:** 1, **Check availability during order creation**

Below these are three sections for availability checks:

- Material availability:**
 - ☐ No avail. check
 - ☐ Check material availability when saving order
 - Checking rule:** PS, **Project System-Checking Rule**
 - Type comp.check:** ☐ **ATP check**
 - Collect.conv.:** ☐
- PRT availability:**
 - ☒ No check
 - Checking rule:** ☐
 - Collect.conv.:** ☐
- Capacity availability:**
 - ☒ No check
 - Overall profile:** ☐
 - Collect.conv.:** ☐

Click on 

Click on 

Update the following:-

New Entries: Details of Added Entries

Plant	9100	Pune factory - A Ltd
Order Type	Z901	AM Network type header account
Business funct.	2	Check availability during order release

Material availability

- ☐ No avail. check
- ☐ Status check
- ☐ Check material availability when saving order
- Checking rule: PS Project System-Checking Rule
- Type comp.check: ATP check
- Mat. release: 2 Release permitted despite missing parts

PRT availability


- ☒ No check
- Checking rule:
- PRT release:

Capacity availability

- ☒ No check
- Overall profile: [Yellow bar] [Icon]
- Rel. capacities:

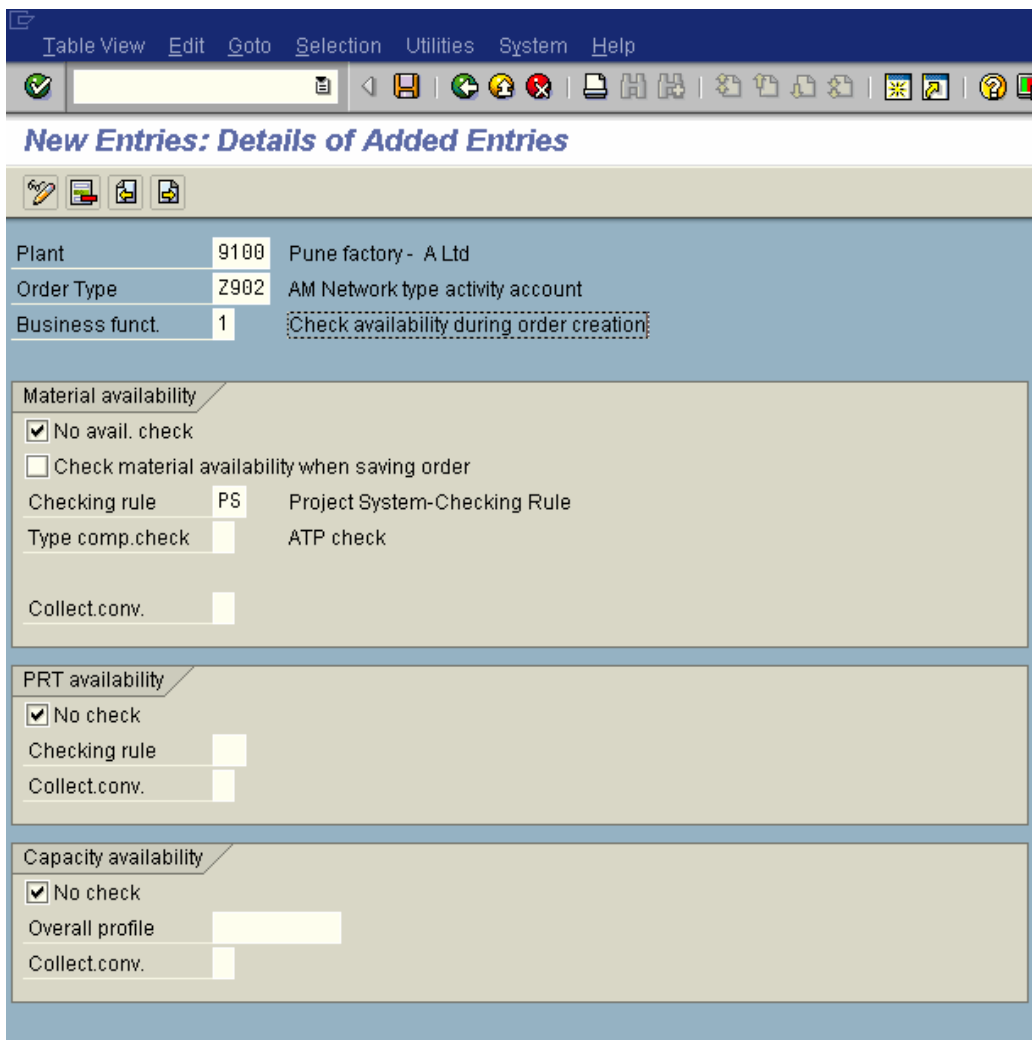
Batch assignment

- Release material:

Click on 

Click on 

Update the following:-



The screenshot shows the SAP 'New Entries: Details of Added Entries' window. The menu bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The main content area is divided into several sections:

Plant	9100	Pune factory - A Ltd
Order Type	Z902	AM Network type activity account
Business funct.	1	Check availability during order creation

Material availability

- ☒ No avail. check
- ☐ Check material availability when saving order
- Checking rule: PS (Project System-Checking Rule)
- Type comp.check: ☐ (ATP check)
- Collect.conv.: ☐

PRT availability

- ☒ No check
- Checking rule: ☐
- Collect.conv.: ☐

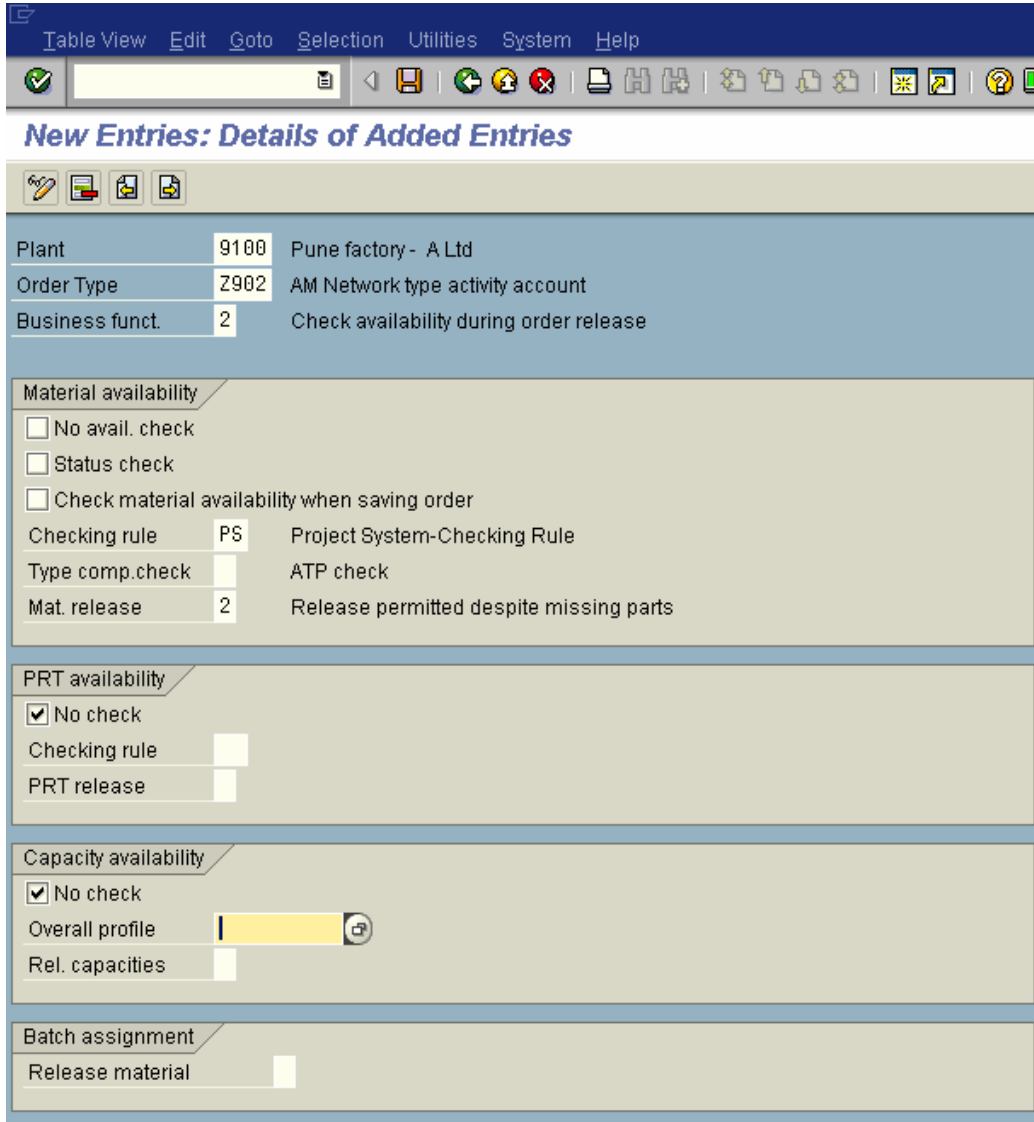
Capacity availability

- ☒ No check
- Overall profile:
- Collect.conv.: ☐

Click on 

Click on 

Update the following:-



The screenshot shows the SAP 'New Entries: Details of Added Entries' form. The menu bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The form is divided into several sections:

Plant	9100	Pune factory - A Ltd
Order Type	Z902	AM Network type activity account
Business funct.	2	Check availability during order release


Material availability

- ☐ No avail. check
- ☐ Status check
- ☐ Check material availability when saving order
- Checking rule: PS Project System-Checking Rule
- Type comp.check: ATP check
- Mat. release: 2 Release permitted despite missing parts

PRT availability

- ☒ No check
- Checking rule:
- PRT release:

Capacity availability

- ☒ No check
- Overall profile: 
- Rel. capacities:

Batch assignment

- Release material: ☐

Click on 

5 Confirmation

5.1 Define Confirmation Parameters

IMG → Project System → Confirmation → Define Confirmation Parameters

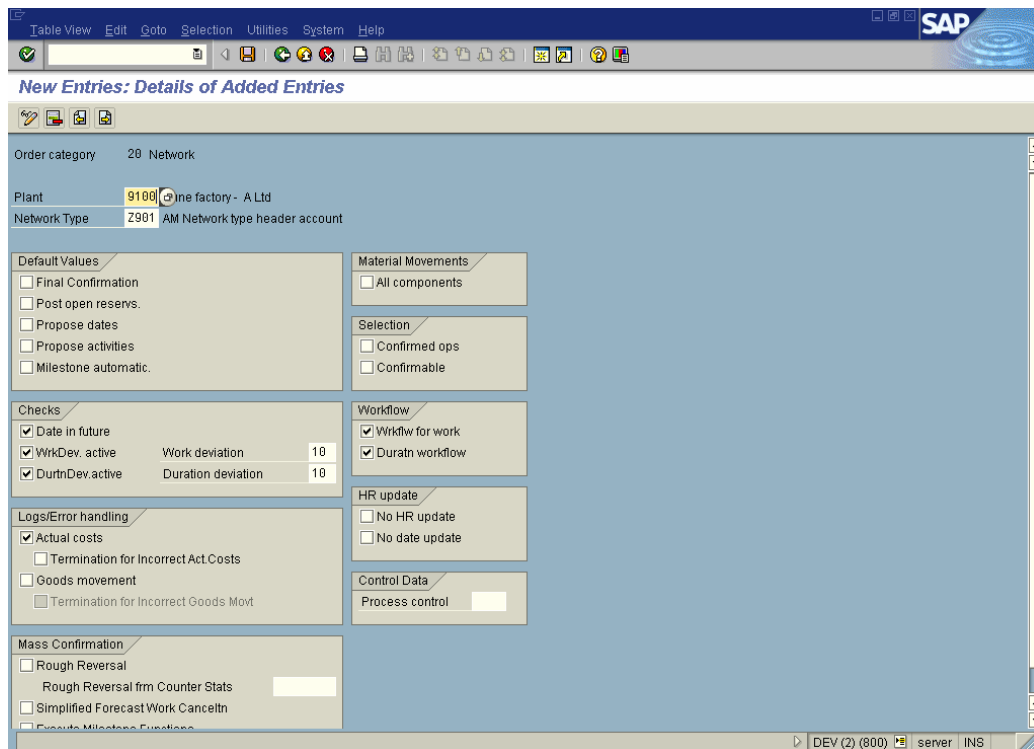
The configurations for the confirmation are specified for each plant and network type.

You can specify the following parameters:

- ✓ when confirming, a **final confirmation** is automatically proposed
- ✓ the dates of the confirmation may lie in the future
- ✓ the error log for cost calculation is displayed
- ✓ percentages for the allowed deviation from work and duration

Click on 


Update the following:-



The screenshot shows the SAP 'New Entries: Details of Added Entries' configuration screen. The top bar includes the SAP logo and a menu with 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the menu, the title 'New Entries: Details of Added Entries' is displayed. The main area contains several configuration sections:

- Order category:** 20 Network
- Plant:** 9100 (one factory - A Ltd)
- Network Type:** Z981 AM Network type header account
- Default Values:**
 - ☐ Final Confirmation
 - ☐ Post open reservs.
 - ☐ Propose dates
 - ☐ Propose activities
 - ☐ Milestone automatic.
- Material Movements:**
 - ☐ All components
- Selection:**
 - ☐ Confirmed ops
 - ☐ Confirmable
- Checks:**
 - ☒ Date in future
 - ☒ WrkDev. active Work deviation 10
 - ☒ DurtnDev. active Duration deviation 10
- Workflow:**
 - ☒ Wrkflw for work
 - ☒ Duratn workflow
- HR update:**
 - ☐ No HR update
 - ☐ No date update
- Logs/Error handling:**
 - ☒ Actual costs
 - ☐ Termination for Incorrect Act.Costs
 - ☐ Goods movement
 - ☐ Termination for Incorrect Goods Movt
- Control Data:**
 - Process control
- Mass Confirmation:**
 - ☐ Rough Reversal
 - ☐ Rough Reversal frm Counter Stats
 - ☐ Simplified Forecast Work Canceltn
 - ☐ Execute Milestone Functions

The bottom status bar shows 'DEV (2) (800) server INS'.

Click on 

Click on 

Update the following:-

New Entries: Details of Added Entries

Order category 20 Network

Plant p100 Fine factory - A Ltd

Network Type Z902 AM Network type activity account

Default Values

- ☒ Final Confirmation
- ☐ Post open reserves.
- ☒ Propose dates
- ☒ Propose activities
- ☒ Milestone automatic.

Material Movements

- ☐ All components

Selection

- ☐ Confirmed ops
- ☒ Confirmable

Checks

- ☒ Date in future
- ☒ WrkDev. active Work deviation 10
- ☒ DurtnDev. active Duration deviation 10

Logs/Error handling

- ☒ Actual costs
 - ☐ Termination for Incorrect Act.Costs
- ☐ Goods movement
 - ☐ Termination for Incorrect Goods Movt

Mass Confirmation

- ☐ Rough Reversal
 - Rough Reversal frm Counter Stats
- ☐ Simplified Forecast Work Canceltn
- ☐ Execute Milestones Functions

Workflow


- ☒ Wrkflw for work
- ☒ Duratn workflow

HR update

- ☐ No HR update
- ☐ No date update

Control Data

Process control

Click on 

6 Final check

6.1 *Finally check the Project Profile*

IMG → Project System → Structures → Operative Structures → Work Breakdown Structure (WBS) → Create Project Profile

Double click

Z9001	Investment projects
-------	---------------------

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Proj.Prof. Z9001 investment projects

Control Organization Plg board/dates Controlling

Basic data

Proj.type IP Capital Investment ☐ All acct asst elem

Field key 0000001 User-defined fields ☒ Only one root

Version prof. 0000001 Standard version profile ☐ Trsfr to proj.def.

Simulation prof. ☐ ☒ ChangeDocuments

Display options 1 Identification using project n ☒ Proj. summ. MastDa

Level of detail 10

PartnDet.Proc. ☐

Validation

Project def. ☐ ☐ Autom. validation

WBS elements ☐

Substitution

Project def. ☐ ☒ Autom. substitution

WBS elements ☐

Project stock

☒ No stock

☐ non-valuated stk

☐ valuated stock ☐ Automatic reqmnts grouping

Status management

PD sts. profile ☐

WBS sts. prof. ☐

Update the substitution rule we created earlier in the project profile.

Also update the status profile we created for WBS elements

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Control Organization **Plg board/dates** Controlling

Basic data

Proj.type	IP	Capital Investment	<input type="checkbox"/> All acct asst elem
Field key	0000001	User-defined fields	<input checked="" type="checkbox"/> Only one root
Version prof.	0000001	Standard version profile	<input type="checkbox"/> Trsfr to proj.def.
Simulation prof			<input checked="" type="checkbox"/> ChangeDocuments
Display options	1	Identification using project n	<input checked="" type="checkbox"/> Proj. summ. MastDa
Level of detail	10		
PartnDet.Proc.			

Validation

Project def.		<input type="checkbox"/> Autom. validation
WBS elements		

Substitution

Project def.		<input checked="" type="checkbox"/> Autom. substitution
WBS elements	ZA00001	Substitute Responsible cost center

Project stock

☒ No stock
☐ non-valuated stk
☐ valuated stock

☐ Automatic reqmnts grouping

Status management

PD sts. profile		
WBS sts. prof.	910001WB	AM Projects WBS-Elements

☐ ChangeDocuments

Click

Plg board/dates

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Proj.Prof. Z9001 Investment projects

Control Organization Plg board/dates Controlling

WBS time scheduling

WBS sched. prof 1300000000001 ES scheduling forward

Sched. scenario

☒ With activities

Default values

Factory calend. 01 Factory calendar Germany standard

Time unit DAY

Planning method

Plan.meth/basic 3 Open planning

Plan.meth/fcst 3 Open planning

Calc. with act. without taking activity dates into consideration

Network

Network Profile 1002 Elevator model group 2

Network asst 2 For WBS element

☒ Display network hdr

Project planning board

Plan.board prf 1001 Elevators / Turbines

Capacity Requirements Planning

Tot.tab.profile SAPP5_6000 PS: Cap.level.project system week (tab.)

Tot.asst.prf SAPP5_6000 PS: Cap.level.project system week (2.com.graf)

Change the items which are encircled

Also change the planning methd/basic

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Proj.Prof. Z9001 Investment projects

Control Organization Plg board/dates Controlling

WBS time scheduling

WBS sched. prof Z90000000001 A Grp Forward Scheduling

Sched. scenario 1

☒ With activities

Default values

Factory calend. IN India Factory Calendar

Time unit DAY

Planning method

Plan.meth/basic 2 Bottom-up (taking dates of higher-level WBS into account)

Plan.meth/fcst 2 Bottom-up (taking dates of higher-level WBS into account)

Calc. with act. 1 taking activity dates into consideration

Network

Network Profile Z900001 AM Network profile header acct.

Network asst 2 For WBS element

☒ Display network hdr

Project planning board

Plan.board prf Z900000000001 AM: Project Planning Board - A Grp

Capacity Requirements Planning

Tot.tab.profile SAPPS_6000 PS: Cap.level.project system week (tab.)

Further also change the following:-

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Project planning board

Plan.board prf Z900000000001 AM: Project Planning Board - A Grp

Capacity Requirements Planning

Tot.tab.profile	SAPPS_6000	PS: Cap.level.project system week (tab.)
Tot.graphic.prf	SAPPS_6600	PS: Cap.lev.proj.sys.week (2 scrn.graf)
IndCapTabOvProf	SAPPS_6E01	PS:WBS/Ind.cp/Wk.per.spl.(tab.)/timeSch.
IndCapGrpOvProf	SAPPS_6E02	PS: WBS/InCp/Wk.per.spl.(graph.)/timeSch
List profile	SAPPS_6000	PS: Cap.level.project system week (tab.)

Hierarchy Graphic

Profile group	PS	Profile	HIERARCHY_T
Time schd. prof	1300000000000	ides	

Table View Edit Goto Selection Utilities System Help

Change View "Project Profile": Details

New Entries

Network

Network Profile Z900001 AM Network profile header acct.

Network asst 2 For WBS element

☒ Display network hdr

Project planning board

Plan.board prf Z90000000001 AM: Project Planning Board - A Grp

Capacity Requirements Planning

Tot.tab.profile	SAPPS_6000	PS: Cap.level.project system week (tab.)
Tot.graphic.prf	SAPPS_6600	PS: Cap.lev.proj.sys.week (2 scrn.graf)
IndCapTabOvProf	SAPPS_6E01	PS:WBS/Ind.cp/Wk.per.spl.(tab.)/timeSch.
IndCapGrpOvProf	SAPPS_6E02	PS: WBS/InCp/Wk.per.spl.(graph.)/timeSch
List profile	SAPPS_6000	PS: Cap.level.project system week (tab.)

Hierarchy Graphic

Profile group PS Profile HIERARCHY_T

Time schd. prof 000000000001 Project structure

Click on 